# SHOBHIT PURI

Work Authorization: Canada / USA
Vancouver, Canada

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## Highlights

- Seasoned engineering leader with 5 years of experience in leading and managing full-stack teams of 10+ engineers.
- Technology enthusiast with over 10 years of full-stack development experience with specialization in mobile.
- Led multiple greenfield projects from inception to production, demonstrating expertise in people management, architecture, strategic leadership, project management, process optimization, stakeholder engagement, hiring.
- Experienced developing large-scale applications with over 10 million monthly active users.
- Course creator and instructor at leading developer education platforms - Droidcon Academy and Kodeco.com.
- Influenced 3.4 million developers on stackoverflow.com, being in top 2% contributors, with over 610 Q&As.
- Committed to continuous learning with certifications in leadership, architecture, AWS cloud, agile and security.

## Work Experience

**Founder / Principal Consultant**  **Puri Technologies Ltd. (Canada)**  **Apr'18 – Present**

- Creating and teaching mobile development courses on education platforms of Kodeco.com and droidcon.com.
- Developed apps and backend for Miracle Messages (San Francisco) to help reunite homeless with loved ones.
- Developed an Android widget for seniors to enable them to increase font size beyond the OS default limits.
- Mentoring multiple Startup's and professionals at Upnotch.com, ADPList.org, The Hatchery and many others.

**Engineering Director**  **WillowTree (Vancouver, Canada)**  **July'22 – July'23**

- Managed a diverse full-stack team for the world's largest brewer, overseeing people management, client management, stakeholder engagement, project management, architecture, planning, and process optimization.
- Drove AI adoption by introducing tools like Otter, advocating for GitHub Copilot, and fine-tuned GPTs.
- Successfully presented two promotion cases to a team of directors and VP, earning praise from a senior director for being thorough and efficient, echoed as one of the most comprehensive presentations of the promotion cycle.
- Mentored Associate Engineering Directors and engineers, and actively participated in recruitment of engineers.
- Runner-up in an AI Competition, creating a POC for a global fast-food chain using Flutter and Stable Diffusion.
- Fostered professional growth through active participation in workshops covering Coaching Techniques, Scaled Agile, Software Architecture, Security Practises, and Client relationship management.
- Cultivated company's culture through participation in ERGs, organizing tech events, organizing (winning some) quarterly Ping-Pong tournaments and serving as a member of the engineering blog committee.

**Engineering Leader / Technical Architect**  **Thinkific (Remote, Canada)**  **Apr'21 – Apr'22**

- Assembled and led a dynamic team of over 10 engineers in the development of a mobile project using Flutter and GraphQL, enabling students to access courses from a diverse array of 50,000 course creators.
- Defined the overarching vision and steered the strategic direction for a greenfield mobile apps project.
- Architected a white-label solution to create custom branded mobile apps for each of the 50,000 creators.
- Spearheaded architectural solutions for multiple backend and mobile components including implementing secure authentication using OAuth 2.0 with PKCE, devising a robust refresh token grant strategy, exploring monitoring tools, and establishing deep links.
- Collaborated seamlessly with executive leadership, architects, development, product, and design teams to align on proposed technical strategies, unblock potential hurdles, and effectively prioritize and delegate related tasks.
- Introduced development processes, including CI/CD, branching strategy, git hooks, versioning, release train.
- Developed CI/CD pipelines using Fastlane and Semaphore CI to efficiently build and distribute the apps.
- Engaged with third-party vendors like Semaphore CI to tailor custom solutions that meet the team's needs.
- Enforced and documented best practices, architecture guides, strategic plans for testing, analytics, monitoring.
- Played a pivotal role in the hiring process for both contractors and full-time engineers, identifying skillset gaps, proposing new positions, and contributing to drafting job descriptions and take-home tests.
- Mentored engineers through feedback, career guidance, technical insights, and comprehensive code reviews.

**Senior Mobile Engineer**  **Realtor.com (Vancouver, Canada)**  **May'18 – May'20**

- Developed Realtor.com iOS and Android apps, to enable over 10 million MAUs, to find their dream home.
- Enhanced app quality by achieving a 75% reduction in Application Not Responding (ANR) errors.
- Improved critical features like leads and notifications while maintaining CI/CD using Fastlane and Jenkins.

| **Engineering Team Lead** | **TradeRev (Toronto, Canada)** | **Sept'15 – May'18** |
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| **Full-Stack Software Engineer** | | **Sept'14 – May'15** |

- Led a full-stack team of over 11 engineers to develop cross-platform features for the auctioning platform.
- Architected and developed a greenfield Android app from inception and led it to production.
- Spearheaded the full SDLC overseeing planning, development, testing, deployment, and maintenance.
- Fostered team growth via empowerment, recognition, skill development, mentorship, and conflict resolution.
- Collaborated with CTO, product managers, designers, and mentored junior engineers and interns.
- As a Certified Solution Architect, designed backend solutions with Amazon Web Services, Grails, Node.js.
- Established CI/CD, best practises, testing infrastructure, quality control and guided architectural decisions.

| **Mobile Engineer** | **SecureKey Technologies (Toronto, Canada)** | **May'13 – Aug'14** |
|---|---|---|

- Developed mobile payment solutions using Bluetooth Low Energy on iOS and NFC on Android.
- Conducted research on preventing Android app reverse engineering.

| **AI Consultant** | **HOVR.IT (Toronto, Canada)** | **Feb'13 – Mar'13** |
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- Implemented fast image searching among millions of images by utilizing pHash for image hashing.

| **Research Intern** | **Karlsruher Institut für Technologie (Germany)** | **Feb'12 – July'12** |
|---|---|---|

- Developed a dropbox-like solution at the Institute for Data Processing to access to petabytes scale datasets.

## Education

| **M.Sc., Applied Computing** | **University of Toronto (Toronto, Canada)** | **Sept'12 – Dec'13** |
|---|---|---|

- Graduated with High Distinction (GPA: 3.94/4.00) from the master's program at Dept. of Computer Science.
- Developed Intelligent Journaling App for Drug Relapse Prevention in collaboration with Psychology dept.

| **B.Tech., Information Technology** | **Indian Institute of Information Technology (Allahabad)** | **June'08 – July'12** |
|---|---|---|

- Graduated with Honours (GPA: 8.56/10) from the Bachelor of Technology program in IT from IIITA, India.
- Conducted AI research to detect brain tumour from MRI and to enable book reading for visually impaired.

## Certifications

- Leading SAFe® (Scaled Agile Framework) - Certified SAFe® Agilist, with the test score of 96%.
- AWS Certified Solutions Architect - Associate by Amazon, with the test score of 95%.
- SEI Software Architecture Professional Certificate from Carnegie Mellon University, USA (in progress).
- Community Leadership Training Certificate from George Brown College.

## Skills

| **Leadership & Management** | **Technical** |
|---|---|
| <ul><li>Affiliative & Facilitative style</li><li>Strategic Vision & Planning</li><li>Resource Planning</li><li>Public Speaking</li><li>Stakeholder management</li><li>Performance Management</li><li>Mentorship & Coaching</li><li>Conflict Resolution</li><li>Team Motivation</li><li>Delegation & Empowerment</li></ul> | <ul><li>Development Platforms: Android, iOS, Flutter, Backend, Cloud</li><li>Languages: Java, Swift, Kotlin, Dart, C++, Python, Groovy, Bash</li><li>Databases: SQL, NoSQL</li><li>Frameworks: Grails, Hibernate, Spring</li><li>DevOps & CI/CD: Jenkins, Semaphore CI, Fastlane</li><li>Security & Monitoring: SonarQube, Snyk, Instabug, Firebase, New Relic</li><li>API & Integration: REST, OAuth, GraphQL, Salesforce, AI</li><li>Cloud: AWS, GCP, Azure</li><li>Version Control: Git, SVN</li></ul> |

## Other Achievements

- Awarded MITACS Accelerate Scholarship worth $30k at University of Toronto, Canada in 2013.
- National level Badminton tournament Runner-up's (doubles) at IIIT Gwalior, India in 2011.
- Top 0.5% in All India Engineering Entrance Exam, ranked 4487th out of approximate 1 million candidates in 2008.
- Awarded for excellency in Mathematics in elementary, middle, and high school in 1998, 2004, 2005, 2007.