Poorvi Burly Prakash

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EDUCATION

University of Southern California — Los Angeles, USA
Master of Science in Computer Science — *Aug 2021 – May 2023*

Visvesvaraya Technological University — Bengaluru, India
Bachelor of Engineering in Computer Science — *Aug 2015 – May 2019*

EXPERIENCE

Java Software Engineer — June 2024 – Present
YI-Mobility — *Dublin, USA*

Full Stack Engineer — Feb 2024 – June 2024
Shrood, LLC — *Pleasanton, USA*
- Migrated GA4 data to Azure DB using Python, Google Analytics Data API, & Serverless - Azure Function App
- Developed 16 new features & increased performance by optimizing SQL Queries of the app by 70%

Software Engineer Intern — Jun 2022 – Aug 2022
UST Global — *Aliso Viejo, USA*
- Boosted Vision Checkout's web app conversion rate by 30% through optimized checkout-to-payment processes
- Ensured compliance with client branding guidelines in development, driving a 90% increase in user engagement

Software Engineer — Jul 2019 – Jun 2021
Thermo Fisher Scientific — *Bengaluru, India*
- Developed a cutting-edge Java 8, Spring Boot, Oracle SQL platform that delivered real-time insights into workflow efficiency, resulting in a 25% uptick in project completion rates and a 15% reduction in overhead time
- Played a key role in breaking down a monolithic application into smaller, more manageable microservices, utilizing Java 8, Spring Boot, Hibernate, Spring Data JPA, and Spring Cloud
- Engineered a lightweight, multi-threaded Java tool to create and test 35+ workflows incorporating RESTful API calls, database queries, and system/script interactions
- Headed the development of a team knowledge base that contained ready-to-use components, resulting in a 60% reduction in overall implementation time
- Accomplished a 30% performance boost, measured by reduced database load, by implementing Java-based caching with EhCache and annotations for method-level caching

Android Developer Intern — Jan 2019 – Jun 2019
GoQLES — *Bengaluru, India*
- Developed a lightweight, multi-threaded Java-based tool for creating and testing workflows, capable of integrating RESTful API calls, database queries, and system/script calls
- Accomplished an 80% reduction in overall processing time, as measured by a decrease in end-user wait times from 2-15 minutes to zero, by implementing zero wait-time processes and parallel processing in an application module
- Published GoQLES app achieving 5k+ downloads with an average of 4/5-star review using Java and XML

SKILLS & CERTIFICATIONS

Languages and Frameworks: Java, Spring Boot, JUnit, REST, Microservices, Python, Flask
Web Technologies: HTML, CSS, Bootstrap, JavaScript, Angular, React, Node.js, AJAX
Databases and Developer Tools: SQL (Oracle, MySQL), Git, Azure Cloud, Google Cloud Platform, VS Code

PROJECTS

Business search android application and Angular website | *Node.js, Express, JavaScript, Angular, Java, GCP*
- Simulated a Yelp-like Android app and Angular website for searching businesses within an area
- Built RESTful APIs using Node.js that handled Yelp API calls and deployed it on Google Cloud Platform

EazyHop – Your Bus Companion App | *Android, Java, Spring Boot, SQL, Firebase*
- Developed an Android app with a Spring Boot backend for purchasing and managing Metropolitan Transport Cooperation bus tickets/passes, utilizing SQL and Firebase DB

Open AI Research Summarizer | *Java, Spring Boot, OpenAI APIs, HTML, CSS, JavaScript, AJAX, Git*
- Used OpenAI's API to extract key data information and generate concise summaries of research papers