Pranav Khismatrao

Union City, CA | (857)-693-1743 | pranav.khismatrao07@gmail.com | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

Programming: Java 11, Golang, Python, React/Redux, Angular, Node.js, JavaScript, HTML/DOM, XML, CSS, AJAX, C#, Unix shell
Frameworks, Libraries, and Tools: Git, Spring Boot, Spring MVC, Gin, GORM, Elasticsearch, Hibernate, RESTful APIs, Maven, Apache Kafka, JUnit, Mockito, JMeter, Selenium, JWT, CloudFormation, OAuth 2.0, RabbitMQ, Jenkins, Redis, , Hashicorp Vault
Database Software: PostgreSQL, MongoDB, MySQL, GraphQL, DynamoDB
Cloud-Native: AWS, GCP, Pivotal Cloud Foundry, Tomcat, Kubernetes, Docker, Pulumi, Terraform, Hashicorp Packer

PROFESSIONAL EXPERIENCE

evoAI, Boston, MA   **May 2024 – Present**
Senior Software Engineer
- Developed and deployed system-level software components using C++ for cloud infrastructure, automating management of AWS EC2 instances and RDS databases, leading to a 30% reduction in manual configuration errors.
- Optimized multi-threaded applications for Kubernetes clusters hosting microservices, improving resource utilization by 25% and enabling efficient communication between services using serverless architecture.
- Integrated RESTful APIs with SQLite for offline data synchronization, ensuring seamless operation even in offline environments, resulting in a 20% increase in user satisfaction and retention rates.

Tata Consultancy Services, Mumbai, India   **Aug 2020 – Jul 2022**
Full-Stack Developer
- Developed robust, high-performance C++ applications to implement secure APIs, optimizing backend response times and reducing downtime by 20%, serving over 5000 users.
- Employed Docker for microservices containerization, increasing code integrity and scalability, resulting in a 52% reduction in deployment risks and a 20% improvement in project efficiency.
- Used test-driven development (TDD) principles to maintain and enhance backend API endpoints, achieving a 10% improvement in system response times.

Sudesi Infotech, Mumbai, India   **Aug 2019 – Dec 2019**
Android Developer Intern
- Architected Android application frontend screens employing Intents and **MVVM** Model in **Android** Studio, catalyzing a 40% surge in user engagement and slashing bounce rates by 25% within three months.
- Developed a system to harness the **Firebase** to store and retrieve NoSQL data adeptly, culminating in a **60% reduction** in access latency and propelling application responsiveness by 30%.

ACADEMIC PROJECTS

Assessment Management System   **Sep 2023 – Dec 2023**
| Spring Boot, PostgreSQL, AWS-EC2, IAM, DNS, RDS, GCP, VPC, CloudWatch, SNS, Route53, Linux
- Designed and implemented a robust **multi-AZ** assessment platform featuring authenticated RESTful CRUD APIs with a robust logging mechanism and event-driven architecture.
- Crafted scalable app with coding standards along with **Lambda serverless** service, testing, documentation, and CI/CD workflow, reducing manual oversight by 30+ minutes per PR with **GitHub Actions** and **HashiCorp Packer.**

Online Movie Booking System | Java, Spring Boot, Hibernate, MySQL   **Mar 2023 – Apr 2023**
- Developed a robust Movie Booking System featuring secure user registration, efficient **ticket booking,** and a comprehensive admin portal for managing the movie database with **100 records**.
- Utilized **token-based Authentication and authorization** to fortify endpoints, ensuring robust access control and enforcing appropriate status codes.

NU Chronicles | Node.JS, OAuth2.0, Elastic Search, RabbitMQ, Express.js   **Nov 2022 – Dec 2022**
- Built a responsive and interactive front end using **React**, resulting in a 50% increase in user engagement, with an additional 10 users due to enhanced UX and performance
- Applied React performance optimization techniques such as **lazy loading, code splitting**, and memoization, which resulted in faster load times and more efficient rendering.

EDUCATION

Master of Science, Software Engineering Systems
Northeastern University, Boston, MA
Bachelor of Engineering, Computer Software
Mumbai University, India