

Lawangin Khan

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WORK EXPERIENCE

ParkMobile LLC

Atlanta, GA

Lead Software Engineer, Front-End

May 2021 - Present

- Serve as lead engineer for the organization's flagship B2B product, driving strategic technical decisions, ongoing development, and product enhancements.
- Architect scalable solutions using React, JavaScript, and Domain-Driven Design patterns, improving application maintainability and user experience.
- Enhance product accessibility and strengthen security by integrating Single Sign-On (SSO) authentication and automated security scanning tools, reducing security vulnerabilities to near zero.
- Optimize application performance through advanced caching techniques, reducing average page-load time by 40%.
- Establish engineering principles and deployment automation processes, increasing deployment release frequency by 500%.
- Design and implement a micro front-end architecture that enabled the growth of product teams from 1 to 4 independent teams over a 6-month period, significantly accelerating feature development.
- Mentor and guide a team of 8 engineers, leading to the professional growth and internal promotion of 5 team members within one year through adoption of Agile methodologies.

Lightfeather LLC

Alexandria, VA

Lead Full-Stack Engineer

Dec 2019 - May 2021

- Contributed across diverse roles using an extensive technology stack (Java, React, Node.js, Docker, AWS, Jenkins, SQL) to deliver robust federal software solutions.
- Ensured strict compliance with federal government standards, resulting in zero compliance violations or security breaches during tenure:
 - 508 Accessibility Compliance
 - PII Data Security Protocols
 - OWASP Security Guidelines
- Designed and implemented scalable enterprise-level data models in MongoDB, and Postgres, enabling support for millions of monthly transactions with 99.9% uptime.
- Migrated legacy Angular 1.5 codebase to modern React components, increasing development velocity by 20%.
- Authored comprehensive technical documentation (Swagger/Storybook) and conducted stakeholder demonstrations.
- Streamlined software delivery pipelines through automation utilizing Git, Docker, and Jenkins, reducing deployment cycle time by 40%.
- Architected and deployed cloud-native enterprise applications on AWS (EC2, S3, RDS, DynamoDB), optimizing system performance and reliability.

Camelcase Studios LLC

Maysville, WV

Front-End Engineer

Jul 2017 - Dec 2019

- Developed web and mobile solutions for a startup product utilizing React and React Native, significantly improving cross-platform user experience.
- Achieved AWS Associate Developer and Scrum Master certifications, enabling effective implementation of agile methodologies and AWS best practices.
- Collaborated with senior developers to implement CI/CD automation pipelines, significantly decreasing manual workflows.
- Led ownership of component library, increasing component reusability across 100% front end facing platforms.
- Implemented Test-Driven Development (TDD) using Mocha, Jest, and React Testing Library, reducing software bugs increasing the time for tickets to reach definition of done by 35%.
- Delivered responsive designs using CSS Grid, Flexbox, and advanced media queries, enhancing mobile usability.
- Translated wireframes and mockup designs into accurate, reusable global design systems, accelerating development timelines by maintaining consistency across projects.

SKILLS & INTERESTS

Languages: JavaScript | TypeScript | HTML | CSS | SQL | Python | Java | R | Bash

Frameworks and Libraries : React | Node.js | GraphQL | NextJS | Kafka | GraphQL | TanStack | Vue | Spring | Cypress | ElasticSearch | Pytorch | Prisma | Flask | D3

Database: PostgreSQL | MySQL | MongoDB | Firebase | DynamoDB | RDS | Neo4j

Cloud: AWS | Azure | Google Cloud

Tools: Git | Terraform | Jira | OpsGenie | Jenkins | GitHub Actions | Docker | Kubernetes | Tableau | LaunchDarkly | A/B Testing | Lighthouse | Chrome Performance Profiler | Google Analytics

EDUCATION

Virginia Commonwealth University

Richmond, VA

Bachelors in Bioinformatics, Minor in Computer Science

Graduation Date: May 2021

AWARDS

Values Champion - 2024

Parkmobile

Peer-nominated global award for exceptional demonstration of core company values: Be Curious, Play Together, Inch by Inch.

CERTIFICATIONS

- **Amazon Web Services (AWS) Developer Associate** – Credential ID: 6D5JKE4CPMRQ123E (Jan 2020)
- **Certified SAFe® 5 Scrum Master** – Scaled Agile Inc., Credential ID: 99625343-8607 (Feb 2020)