Darshit Shukla

📞 9131371800 | ✉ darshitshukla1777@gmail.com | in linkedin.com/in/darshitshukla | ⓞ github.com/Darshh09

EXPERIENCE

Software Engineer June 2021 – present
Quantel Ai *Chennai, Tamil Nadu*

- Redesigned the mobile and web applications using **React Native** and **React.js**, delivering a modern and intuitive user experience.
- Developed new features and functionality in both the mobile and web applications, including the integration of third-party portals and APIs.
- Migrated a monolithic application to a cloud-hosted microservices architecture by developing robust middle-tier microservices using Python Flask, Django, **Node.js**, and **Express.js**. These microservices facilitated seamless integration with third-party APIs and portals, improving scalability, flexibility, and overall system performance.
- Built modules with functional components and integrated AWS Amplify for authentication, push notifications, and secure API calls with JWT tokens.
- Enabled social sign-in functionality (Google, Facebook) using AWS Cognito and Amplify for seamless user onboarding.
- Provisioned and managed **EC2 instances** for backend deployment and testing environments. Configured and deployed Docker containers to **ECS** and set up Kubernetes pods using **YAML** configurations for scalable and containerized workloads.
- Set up **Apache Airflow** on EC2 and used cron jobs to automate periodic backend tasks, improving data pipeline reliability.
- Implemented **AWS Secrets Manager** to manage API keys and credentials securely, and integrated **Application Load Balancer (ALB)** to distribute traffic across services, enhancing API throughput and reliability.
- Streamlined code optimization processes, improving unit test coverage by **85%** and reducing bug reports by **40%**.
- Integrated the third-party SDK portal Plaid, improving user experience in adding accounts and analyzing portfolio data, and enhanced app performance by over **50%**.

Android Developer Intern January 2021 – May 2021
Big Business App *Hyderabad, India*

- Developed and contributed many features like Staff-Management Finance Part, using Live Data CRUD from Firebase.
- APIs implemented in Android using Retrofit. Import PDF from external storage and extracting data from PDF and rendering it to automation to get the product

Technical Content Writer Intern Nov 2020 – March 2021
GeeksforGeeks

- Authored technical articles and tutorials to educate students on programming concepts, while actively contributing to content quality improvement by reviewing and fixing code samples in existing articles.

SKILLS

- Languages & Frameworks: React Native, Expo, Tailwind CSS, ReactJS, Next.js, Express.js, Node.js, JAVA, C++, TypeScript
- Backend & Databases: PostgreSQL, MongoDB, Firebase, AWS Amplify, AWS Lambda, Stripe, REST APIs, WebSocket APIs
- State Management: Zustand, Redux Toolkit, Context API
- Cloud & DevOps: AWS EC2, S3, RDS, DynamoDB, EKS, Kubernetes, Docker, CI/CD pipelines (GitHub Actions, GitLab CI)
- Tools & Services: Google Maps API, Clerk, Git, Docker, Kubernetes, Jest, React Testing Library
- Other Skills: Performance optimization, Scalable system design, Microservices architecture, Agile methodologies

PROJECTS

SplitAI: Smart Expense Sharing App with AI Assistance | *Expo, Next.js, Gemini AI, Convex, NeonDB, Shadcn (Mobile + Web)*

- Built a full-stack mobile app and application for group expense tracking and settlement, delivering a smooth, real-time user experience.
- Integrated **Gemini AI** to generate spending insights, smart settlement suggestions, and conversational support for queries.
- Used **Convex** as a backend-as-a-service for real-time data syncing, serverless functions, and low-latency performance.
- Implemented scalable relational data models with
- Crafted a modern, responsive UI using **Tailwind CSS** and **Shadcn UI**, with clean design and intuitive user workflows.

🔗 Explore SplitAI Project

CalMinder: AI-Powered Time Management App | *Next.js, TypeScript, Firebase, AI Models*

- An AI-driven tool for seamless time management, utilizing Firebase's real-time databases for scheduling and reminders.
- Developed a task manager integrated with AI for automatic prioritization of tasks based on user preferences.
- Integrated **Google Calendar API** for event reminders and synchronization with user's Google account.

🔗 Explore CallMinder Project

EDUCATION

Gyan Ganga College Of Technology Jabalpur, India
*Bachelor of Technology in Computer Science Engineering, Secured an aggregate of **9 CGPA*** *June 2021*

CODING PROFILE

LeetCode   Code360