Royal Salins

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Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: AWS, GCP, Cloudflare, Kubernetes, Docker, Kafka, Redis, Message Queue, PubSubs, gRPC, WebSocket, WebRTC, Monitoring and logging, Prometheus, Grafana, Testing, CI/CD, Prisma, Hono, Django, Spring Boot, NodeJS, ReactJS, NextJS, Firebase, Flutter, OpenAPI, Turborepo, Generative AI

Work Experience

Niveus Solutions, Udupi   Nov 2023 - Apr 2024
Software Developer Intern | Link

- Developed a dashboard to visually display client company sales data comparisons with competitors with features like customizable graphs, switchable sales tables, and a sales funnel utilizing React.js, Node.js, and Google Looker Studio.
- Implemented an API integration process that reduced new client onboarding time by 50% and streamlined future migration efforts for the development team, resulting in a 15% increase in overall project efficiency.
- Developed a mobile banking app using Flutter, FlutterFlow, and Firebase for client, featuring user authentication, KYC onboarding process, financial retirement planning dashboard, and user analytics tools.

Education

SMVITM   Aug 2021 - Jun 2025
B.E. in Artificial Intelligence and Machine Learning   *CGPA: 8.0/10*
Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, Object Oriented Programming, Database Management Systems, Software Engineering Project Management, Machine Learning

Project Work

- **Payment Wallet** | Link
  Developed a financial application designed to streamline peer-to-peer transactions and enhance financial management. The application enables users to add money to their wallets, perform direct transactions with other users, and maintain a clear record of their financial activities.
  Skills: NextJS, TypeScript, PostgreSQL, Prisma, Jest, Docker, Kubernetes, AWS

- **AI Legacy Code Converter** | Link
  Developed an AI-powered legacy code conversion tool designed to transform outdated codebases into modern programming languages. The solution includes integrated debugging, optimization, and documentation tools to streamline the development process
  Skills: React, TypeScript, Python, PostgreSQL, Mistral AI, AWS S3

- **Social Media Application** | Link
  Developed a social media application that supports user authentication, profile management, a multi-level comment system, user search functionality, and the creation and management of communities. The platform also features ensures a safe and engaging user experience.
  Skills: Next.js, Clerk, TypeScript, Zod, Tailwind CSS and MongoDB.

Achievements

- **HackWave'23:** Secured first place in the highly competitive Hackwave'23 hackathon at NITK Suratkal by utilizing innovative coding techniques and strategic problem-solving skills. | Link
- **EG AI Challenge:** Achieved 2nd Runner-Up position in an AI Hackathon. | Link