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, Linux, Serverless, Distributed Systems, Auto Scaling, Monitoring and logging, New Relic, Grafana, Prometheus, Testing, Vitest, CI/CD, Prisma, Hono, System Design, Spring Boot, NodeJS, ReactJS, NextJS, Firebase, Flutter, Swagger, Turborepo, Generative AI

Work Experience

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

- Developed a dynamic platform to display client company sales data comparisons with competitor companies with features like customizable graphs, switchable sales tables, and a sales funnel using React.js, Node.js and Google Looker Studio.
- Developed a new API integration process that reduced client onboarding time by 50%, resulting in a 75% decrease in future migration efforts for the development team.
- Developed a secure mobile banking app for client, featuring user authentication, KYC onboarding and financial retirement planning dashboard.
- ReactJS, NodeJS, Google Looker Studio, Flutter, FlutterFlow and Firebase

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, Discrete Maths, Software Engineering, Project Management, Machine Learning

Project Work

- **AI Legacy Code Converter** | Link
  Developed a AI legacy code conversion tool designed to transform VB, Delphi, and COBOL code into modern programming languages like Java, C, and Python. The solution includes integrated debugging, optimization, and documentation tools to enhance the development process.
  Skills: React, Python, PostgreSQL, Mistral AI, AWS S3

- **Payment Wallet** | Link
  Developed a robust 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, NextAuth, TypeScript, MonoRepo, PostgreSQL, Prisma, AWS

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

Achievement

- **HackWave'23:** Achieved the winner position in the Hackwave'23 hackathon conducted at NITK Suratkal.
- **EG AI Challenge:** Achieved 2nd Runner-Up position in an AI Hackathon.