

# Devansh

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## Education

**Chitkara University**, B.E. in Computer Science

Sept 2020 – Aug 2024

- CGPA: 9.62/10.0

## Technologies

**Languages:** Java, Javascript, Python, C++ , SQL

**Frameworks:** React.js, Node.js, Django, React Native, ERPNext/Frappe

**Technologies:** Git, Docker, Xcode, Linux, MongoDB, Redis, RabbitMQ, Postman

## Experience

**Software Engineer**, Onsite Electro Service – Bangalore, Karnataka

Aug 2024 – Present

- Upgraded React Native framework from v0.72 to v0.76, improving app performance by 20% and ensuring compatibility with Android 13.
- Collaborated with cross-functional teams to implement ad-hoc SKU creation, reducing product configuration time by 30%.
- Spearheaded the migration of the ERP system from SAP to ERPNext, leveraging the Frappe framework to streamline processes and enhance system functionality.
- Contributed in schema redesign towards more scalable and multi-incentive handling structure.

**Software Engineer Intern**, Onsite Electro Service – Bangalore, Karnataka

June 2023 – July 2024

- Enhanced backend security by implementing encryption protocols and Redis caching, contributing to ISO 27001 certification.
- Developed a referral program that re-engaged 7,000+ inactive users, driving a 15% increase in monthly revenue.
- Built a React JS and Django-based portal for streamlined user mapping, saving 10+ hours per week for the product and sales teams.

## Projects

**Remote Code Execution Engine**

[View on GitHub](#)

- Crafted a secure and efficient remote code execution engine that isolates processes in Docker, accelerates responses with Redis caching, and ensures scalable task handling via RabbitMQ, handling fast and secure code execution.
- Tools Used: Node.js, Docker, RabbitMQ, Redis, React.js

**Devine.js - A Node.js-based unified backend framework**

[View on GitHub](#)

- Constructed a unified backend framework over Node.js featuring robust object-oriented principles alongside an integrated SQL ORM system and Encryption based Authentication functionality.
- Tools Used: Node.js, MySQL, JSON Web Token

**Live Streaming Application with RTMP Server**

[View on GitHub](#)

- Built a live-streaming server that allows users to stream via an external RTMP server and supports creating an internal and encryption based RTMP server based on Nginx.
- Tools Used: Node.js, Docker, Nginx with RTMP, MongoDB, React.js

## Achievements

- Got Selected in a six-month Academia program conducted by CDK Global
- Participated in AWS Machine Learning Foundation program