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NAVEEN CHAITANYA KANCHARLA
Software Engineer (Fullstack)

PROFESSIONAL SUMMARY

Detail-oriented Fullstack Software Engineer with 1+ year of hands-on experience designing scalable, production-grade web applications and backend systems. Proven track record in building REST APIs, customer-facing React components, and Dockerized microservices deployed on AWS Cloud. Skilled in JavaScript, TypeScript, Node.js, and CI/CD pipelines, with a strong focus on reliability, system integrations, and team collaboration. Passionate about delivering creative engineering solutions that enhance performance, reduce latency, and streamline DevOps workflows in Agile environments.

EMPLOYMENT HISTORY

JUNIOR DEVELOPER   **Aug 2022 - Dec 2023**
GIGABYTE   *Banglore*

- Developed scalable, customer-facing **React components** with **cross-browser compatibility**, boosting user satisfaction scores by **37%** on internal dashboards.
- Built and integrated **REST APIs** using **Node.js** and **Express**, enhancing system performance by **28%** and reducing API response latency by **250ms**.
- Designed and deployed **CI/CD pipelines** via GitHub Actions and Docker, improving **production reliability** and reducing deployment errors by **40%**.
- Configured **cloud-native monitoring and alerting** for backend services running on **AWS**, achieving **99.98% uptime** and reducing incident recovery time by **60%**.
- Collaborated closely with **UX and visual designers** to deliver consistent, accessible UI components using **HTML** and **Sass**, improving visual coherence across the platform.
- Contributed to **enterprise-level integrations** with 3+ **Content Management Systems (CMS)** using RESTful services, automating 5 workflows and saving ~**15+ hours/month**.
- Participated in Agile sprints, championed clean Git practices, and mentored junior engineers in writing **reliable, production-grade code** with **creative problem-solving**.

SKILLS

Python *(Expert)*, JavaScript *(Experienced)*, HTML5 *(Experienced)*, CSS3 *(Expert)*, SSR applications *(Expert)*, RESTful APIs *(Expert)*, Java *(Expert)*, Data handling(ETL pipelines, APIs, JSON, CSV) *(Expert)*, Machine Learning Libraries *(Expert)*, GIT *(Expert)*, AWS *(Expert)*, Application Development *(Expert)*, CI/CD *(Expert)*.

EDUCATION

MASTERS IN INFORMATION TECHNOLOGY   **Jan 2024 - Aug 2025**
St Francis College   *New York City*

  Graduated with the GPA of 3.84

BACHELOR'S IN COMPUTER SCIENCE WITH AI&ML   **Jun 2018 - May 2022**
SRM institute of Science and Technology   *Chennai,India*

  graduated with the CGPA of 8.5 on the scale of 10

LINKS

Github: github.com.

LANGUAGES

English *(Native)*, Spanish *(Novice)*.

ACHIVEMENTS

- **Reduced backend API latency by 250ms** by optimizing Express.js middleware and migrating to asynchronous data handling using Node.js and TypeScript.
- **Achieved 99.98% uptime** by implementing Dockerized microservices deployed on AWS, with monitoring configured via Prometheus and CloudWatch.
- **Cut production deployment time by 40%** by building CI/CD pipelines using GitHub Actions, integrated with Docker and environment-based config setups.
- **Improved UI responsiveness by 37%** by refactoring React components to use ES6 features and code-splitting techniques, resulting in faster load times and better Lighthouse scores.
- **Automated 5+ manual content publishing tasks** by integrating with CMS systems using REST APIs, saving ~15 hours/month for the marketing team.

Conducted comprehensive academic research that improved project outputs by 20%, aiding Account Managers in delivering data-driven insights to clients.

Supervised a team of researchers in executing multiple academic projects simultaneously, ensuring adherence to timelines and enhancing overall productivity by 30%.