

Vaibhav Gautam

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Experience

FULL STACK DEVELOPER, MAGNA TECHNOLOGY GROUP July 2023 - Present

- Designed and developed internal tools with a scalable frontend and efficient backend architecture, streamlining processes and improving developer efficiency by 80%.
- Implemented Google Authentication across internal portals, integrating it into both frontend UI flows and backend authentication logic, resulting in a 50% efficiency boost.
- Built dynamic, personalized UI components for multiple client websites, increasing user engagement and revenue.
- **Technology/Tools:** React.JS, Node.JS, Salesforce, MarketingCloud.

SOFTWARE ENGINEER, OPTUM - UNITED HEALTH GROUP June 2021 - July 2023

- Created a tool to streamline healthcare provider visits for patients, reducing scheduling time from 15-20 minutes to under 2 minutes.
- Enhanced and maintained a platform enabling search for relevant health care providers as per patients' needs.
- Created a platform to handle multiple requests from patients for variety of needs like Childcare, Eldercare, etc. enabling 50% faster resolution of requests.
- Migrated microservices from Openshift to Kubernetes reducing cost.
- **Technology/Tools :** React.JS, Springboot, MySQL, Javascript, Splunk, Openshift, Jenkins, Elastic Search.

Software Engineering Intern, Proedge Skill Development and Edutech Private Limited Jan 2021 - May 2021

- Development of online education technologies like quizzes, scheduling, progress tracker, etc, to enable Proedge to offer online learning courses for students.
- Integrated Zoom SSO and Zoom SDK to host online classes in-place on the web app itself.
- **Technology/Tools :** Node.JS, React.JS, Next.JS, MySQL, Javascript.

Education

Shiv Nadar University, B. TECH IN COMPUTER SCIENCE AND ENGINEERING Aug 2017 - May 2021
WITH MINOR IN MATHEMATICS GPA: 8.57/10.0

Publications

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| • A Real Time Analysis of Offensive Texts to Prevent Cyberbullying | 17th Jan 2022 |
| • A machine learning application for raising WASH awareness in the times of COVID-19 pandemic | 10th Feb 2021 |

Projects

TavLab - IIIT Delhi | Research Intern New Delhi

- Proposed a machine-learning pipeline for matching WHO healthcare guidelines with news articles to augment user's daily news consumption using word embeddings, summarization algorithms, and distance metrics.
- Created WashKaro, a multi-pronged intervention for mitigating misinformation through conversational Artificial Intelligence (AI), machine translation and natural language processing (NLP). (5000+ downloads).
- **Technology/Tools:** Python, Android, Firebase, NLP techniques.

Skills

• Node.JS • React.JS • Next.JS • Javascript • HTML/CSS • Express • Java • Python • DSA • Firebase • MySQL • NLP • OOP • Splunk • Salesforce • Marketing Cloud • Email Cloud • • Git/Github • Springboot • Kubernetes • Azure • Flask/Django • Machine Learning • DSA • NLP • OOP