

EDUCATION

California State University, Long Beach

Master of Science in Computer Science

2023 Jan- 2024 Dec

GPA: 3.83/ 4.0

Courses: Advanced Analysis of Algorithms, Topics in Programming Languages, Software Engineering, Artificial Intelligence, Advanced Computer Architecture, Topics in Distributed Computing, Machine Vision, Object Oriented Analysis and Design

B V Raju Institute of Technology

Bachelor of Technology in Information Technology

2017 Jul- 2021 May

GPA: 3.75/ 4.0

SKILLS

Programming: Python, C/C++, Java

Web Technologies: ReactJS, NodeJS, Bootstrap, JavaScript, HTML, CSS, XML, TypeScript, REST

Technologies/ Tools: Jenkins, Git, Bitbucket, Jira, AWS EC2, Docker, Postman, Jest, JMeter, Enzyme, Linux, Computer Vision, AI, Agile, Scrum, MS Office

Databases: MySQL, PostgreSQL, GraphQL, Druid, Snowflake

PROFESSIONAL EXPERIENCE

Software Developer: Athenahealth

2021 Jun -2022 Nov

- Developed a pipeline Migration of Entities, by which a developer can migrate the entities like Dashboard and their dependency entities from source to destination environment, which has reduced the developer effort and time. CRUD operations for entities on the Postgres DB are done using GraphQL, PostgreSQL, react.js, and node.
- Maintained data visualization platform by adding features and developed visualization dashboards which gives performance insights to end customers on the revenue and patient flow.
- Refactored the react code base and improved the code coverage of the application by 20% by writing unit test cases.
- Implemented and debugged a lot of UI features which improved the data visualization dashboard usage level.

Developer Intern: Athenahealth

2021 Jan-2021 Jun

- Worked on creation of Data Lens with all the required metrics and performed ETL, retrieving data from Snowflake, transferring it to Druid, ensuring data consistency, for a client Dashboard.
- Implemented UI features to visualize the data in the dashboards.
- Managed the data lens by performing snowflake queries.

PEP Intern: Epam Systems

2020 Jan – 2020 Jun

- Hands-on experience with Java, Maven, OOPs, Web Technologies, and Database Management. Developed proficiency in real-world application scenarios, gaining practical skills in software development and deployment.

PROJECTS

Drowsiness detection of driver, Team of 2

- A computer vision system that can automatically detect driver drowsiness in real-time video streams using Haar cascade classifiers to analyze facial features, coupled with OpenCV, and trigger an alarm if the driver appears to be drowsy.

Multiple Face Recognition system, Team of 4

- Led a team in designing and developing a system which detects and recognizes multiple faces using OpenCV, and Convolution Neural Network.

University Website, Team of 6

- Redesigned BVRIT college website, <https://bvrit.ac.in/>. Improved it to have interactive UI and added features which enables the students to get much information about exams, results, scholarships, transportation.

Credit card fraud detection system, Team of 4

- Developed and deployed a Credit Card Fraud Detection System using Random Forest model on Kubernetes, ensuring robust fraud detection in a scalable environment.

LEADERSHIP & VOLUNTEER EXPERIENCE

- Founder member, CBB (coding club) of BVRIT, assisted students by conducting workshops, coding sessions and by teaching Data structures, programming languages.
- Web Development Wing Lead for SKATE, a student development club of BVRIT.
- NSS Member, volunteered for blood donation camps in and out of college and for 1-week special camp in a rural village.