

Abhilash Sreenivasa

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EDUCATION

MS in Computer Science, *California State University, Chico* – GPA: 3.7 AUG 2021-DEC 2023

Bachelor of Engineering Computer Science, *Visvesvaraya Technological University, India* GPA: 3.3 AUG 2014-JUN 2018

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, Python, Java, Node/Express JS, Django.

Web Technologies: React JS, Jest, HTML5, CSS, TypeScript, SQL, REST.

Databases & Tools: MSSQL, MongoDB, MySQL, AWS, Docker, Git.

EXPERIENCE

Lead Web Developer Intern - TEIN CSU Chico, CA JAN 2023 - PRESENT

- Introduced a testing system using **Jest** and conducted unit tests as part of creating a **CI/CD pipeline** for an existing internal project, significantly improving the development and deployment process.
- Implemented a tool that checks and prevents spam tickets from entering the ticketing system. Utilized Akismet content check API and Reduced the spam tickets by **70%**.
- Trained 3 Interns on **Python, Django**. emphasized compliance with accessibility standards, and supervised ticket assignments and progress.

Web Developer Intern – CSU Chico Web Services - Chico, CA SEPT 2021-MAY 2023

- Implemented a [full-stack web application](#) that collects data from CSU Chico website and generates reports. Technologies used: **Node.js, Docker, HTML, CSS**.
- Utilized Site Improve to identify and resolve broken links across the website, ensuring accessibility adherence.
- Migrated all the projects and its details from Asana to MS Excel and set up a cost-free project management system.

Software Engineer - Antares Systems Limited - Bengaluru, India NOV 2018 - SEPT 2019

- Refactored legacy code from the early 2000s by separating the business logic using **MVC** architecture , Improving the code readability and scalability. Technologies used: **Java , JSP, Servlets , PostgreSQL, Javascript, Eclipse, Git**.
- Incorporated multi-screen compatibility in several existing web pages using **CSS Media Query**.
- Developed comment section feature in **REACT** for an internal website, Facilitating a smooth interaction among the developers.

Web Developer Intern - Robert Bosch LLC - Bengaluru, India JAN 2018 - AUGUST 2018

- Designed and implemented a robust MS SQL Database System from scratch, complete with a comprehensive schema.
- Designed the UI using the wireframing tool **Balsamiq**, ensuring an user-friendly layout for the web application.
- Generated dynamic reports using **Vanilla Javascript** and provided Excel and PDF export options.
- Successfully delivered a fully functional web application for an internal department, serving over 400 users.

PROJECTS

[Recommendation System Application](#)

- Developed a web app with **OAuth and JWT**- based secure user authentication, featuring a personalized movie recommendation system. Technology used: **NodeJs, MongoDB, ReactJS, MovieDB API**.
- Enhanced the user experience with **ReactJS**, incorporating features like saving favorite movies and trailer viewing.

Spam Detector

- Developed a Spam Detector tool that effectively blocked spam tickets from entering the ticketing system.
- Achieved a **70%** reduction in spam tickets, resulting in significantly improved ticketing system efficiency and streamlining the support process by minimizing false tickets and reducing the support team's workload.

[Bugtracker - A Ticketing System for Developers](#)

- Created a role-based ticket tracking system with Manager, Developer, and Client roles, tailoring privileges and features accordingly. Technologies: **Python, Django, Docker, MySQL**.
- Implemented dynamic chart visualizations with ChartJS for real-time ticket status insights and used Bootstrap Data tables to efficiently manage ticket data with search, pagination, sorting, and CRUD operations.