

# 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

## EXPERIENCE

**Web Dev Intern – CSU Chico Web Services - Chico, CA** SEPT 2021-PRESENT

- Implemented a tool that checks and prevents spam tickets from entering the ticketing system. Reduced the spam tickets by **70%**.
- Implemented a [full-stack web application](#) that collects data from CSU Chico website and generates reports. Technologies used: HTML, CSS, Node.js, Docker.
- 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.

## TECHNICAL SKILLS

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

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

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

## PROJECTS

### [Recommendation System Application](#)

- Designed and developed a **Netflix**-like web app, showcasing trending movies by genre using the MovieDB API.
- Implemented an efficient recommendation system for personalized movie suggestions.
- Established a secure **OAuth** login system with **JWT** token authentication for data privacy and user account security.
- Developed a robust and secure authentication system utilizing **NodeJS, OAuth, JWT, and bcrypt**.
- Created rich features in **ReactJS**, such as saving favorite movies and trailer viewing, enhancing the user experience.

### **Spam Detector**

- Developed a Spam Detector tool that effectively blocked spam tickets from entering the ticketing system.
- Implemented robust content checks using Akismet, a powerful spam detection tool, to identify and notify the web support team of potential spam content.
- 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 using **ChartJS** to provide real-time insights into ticket status.
- Utilized **Bootstrap** Data tables to efficiently represent ticket data, incorporating search, pagination, sorting, and CRUD operations.