

Chetan Sahu

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Skills

Languages: Python, JavaScript, SQL

Technologies & Tools: Node.js, Express.js, Socket.io, MySQL, ORM, MongoDB, JWT Auth, Bcrypt, AWS, EC2, S3, RDS, Jenkins, Object Oriented Programming, Git, Postman

Work Experience

Amber Road Inc, Bangalore

Nov 2016 - Dec 2018

Associate Analyst

- Developed a suite of tools to streamline and **automate** the translation process for executing import and export compliance checks and generating international shipping documentation using the **Google Translation API**, for a bulk of files with 10k+ of data each from any language to english which led to **improved operational efficiencies and financial performance**.
- Built screening systems that automated client Identity verification leveraging **web scrapping** from government websites which led to **improved and efficient** compliance control that prevents doing business with prohibited or restricted entities.

Project Work

- **Expense Tracker App (2023):**
 - Developed a full stack expense tracking application with **Node.js, Express.js, and MySQL**.
 - Implemented secure user authentication using **Bcrypt** for password hashing and **JWT** for session management. **Integrated Razorpay** for a seamless subscription model, enabling premium features for subscribed users.
 - Integrated **Nodemailer** for email functionality, allowing users to reset passwords securely with Morgan middleware for logging HTTP requests, aiding in debugging and monitoring.
 - Achieved optimal data persistence with **MySQL**, and **Sequelize ORM**, ensuring efficient data storage and retrieval with **AWS RDS**. **Pagination** for expense records, enhancing user experience, and optimizing rendering.
 - Built features that allow users to download monthly, and yearly expense breakdowns with aggregates, and total expenses as a text file uploaded to **AWS S3**. Leaderboard showcasing user expenses, updated in real-time.
 - **Github Project Link:** github.com/Red-Pillow/Expense-Tracker-App
 - **Tech:** **JavaScript, Node.js, Express.js, JWT, Bcrypt, MySQL, AWS RDS, S3, Jenkins**
- **Realtime Groupchat App (2024):**
 - Built a full stack realtime Group chat Application with **Node.js, Express.js, Socket.io** and **MySQL**.
 - Implemented chat feature that allows authenticated users to engage in one-to-one private chats, create and join chat groups, and exit groups when desired. Efficient schema design ensures chat within a group remain isolated and private to group members only in real-time communication with **Socket.io**
 - Built features that allows sharing of multimedia text, images, and video messages built with the **Multer library** supports file uploads from local devices, with files stored and retrieved from **AWS S3** to user devices.
 - Implemented chat data storage and retrieval using Sequelize ORM, MySQL and AWS RDS.
 - Implemented scheduled **cron jobs** to archive a week-old chat.
 - **Github Project Link:** github.com/Red-Pillow/GroupChatApp
 - **Tech:** **JavaScript, Node.js, Express.js, Socket.io, JWT, Bcrypt, MySQL, AWS RDS, S3, Jenkins**

Education

University of Mysore 2013 - 2015

MBA

Awards and Certificates

- **Ranked - 184 in India out of 6121 participants Leetcode Biweekly Contest - 65**
- **Ranked 144 in India out of 9000 participants in Leetcode Weekly Contest-266**
- **Ranked 207/21,000 in Codechef October Long Challenge 2020 Div-B**
- **Codechef : Highest Rating: 1844(4- star)**
- HackerRank **HackerRank Problem Solving (Intermediate) Certificate**
- HackerRank **HackerRank Problem Solving (Basic) Certificate**