Tanveer Singh

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EDUCATION

University Institute Of Engineering and Technology, Panjab University 2019 – 2023
Bachelors in Electrical and Electronics Engineering 8.23 CGPA
Chandigarh

SKILLS

IT Constructs	Data Structures, Algorithms, OOPs, Microservice Architecture
Tech. & Frameworks	C++, JavaScript, NodeJs, ExpressJs, MySQL, Sequelize, ReactJs, MUI, Redux-Toolkit, JWT Authentication, Redis, AWS, Git
Tools	VS Code, Github, Postman

WORK EXPERIENCE

Software Engineer July 2023 - Present
Incedo Inc.

- Working as a Backend Engineer in **IncedoPay**, a B2B, B2C Payments platform being used by **CITI** and **US Bank**. Member of the Node.Js team that oversees the entire Backend Infrastructure of the product.
- Developed new API's for the **Client onboarding process** and **Payment methods selection** in the system leveraging Node.Js. Additionally refactored and optimized existing APIs achieving notable **10%** performance increase, thereby increasing robustness of the product.
- Spearheaded Development of Integration of ERP systems with IncedoPay by building functionality to fetch and process over **10,000+** supplier records from **QuickBooks ERP** periodically, and leveraged MySQL stored procedures for efficient data validation and seamless transfer.
- Implemented functionality in the product enabling clients to add **Multiple Business Units (MBU)** for payment processing, offering flexibility in designating the source of payments. Engineered a suite of **50+ APIs**, including essential functionalities like managing payment information, filtering, and handling Business Unit operations such as addition, editing, deactivation, and deletion. Additionally, facilitated business unit listing and data export.

Software Engineer Intern Jan 2023 - July 2023
Incedo Inc.

- Acquired proficiency in DevOps and Cloud technologies, namely **Docker**, **Kubernetes** and **AWS**.
- Led a Capstone project to develop an in-house application similar to MS Dynamics. Focused on backend development, coordinated with the frontend team for API integration, and optimized database queries to improve API response times.

PROJECTS

Keeper App Link to Demo

Created KeeperApp, a Google Keep-like application, utilizing React.js for the frontend and Node.js for the backend. Integrated a MySQL database through Sequelize ORM. Hosted the MySQL database on AWS RDS, deployed the frontend on Netlify, and the backend on Render.

CERTIFICATIONS & ACHIEVEMENTS

- **AWS Cloud Practitioner Certification** (Credential Id: 5QFVJGX20F4QQQ3E)
- Solved **200+** problems on **LeetCode** (Link).
- Achieved **1st place** in ChatGPT Hackathon organized by Incedo Inc.