Avneet Singh

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Passionate web developer with a strong enthusiasm for building dynamic and user-friendly applications. Constantly learning and exploring new technologies to enhance development skills. Avid reader with a keen interest in expanding knowledge across various subjects.

Skills

Development:	React.js, Redux, Tailwind CSS, Material-UI, HTML, CSS, JavaScript	**Database:**	MySQL, MongoDB
		Containerization:	Docker,Kubernetes.
Languages:	Python, C++, Java, JavaScript	**Cloud:**	AWS, Firebase
Backend:	Node.js, Express.js, GO,REST APIs	**Testing:**	Jenkings, ansible

Experience

Intel Corporation   **July 2024 – Present**
Software Development Intern

- Developed and maintained the **Disabled IP License Dashboard** using **React, Redux Toolkit, Material-UI, and Microsoft Graph API**, automating license tracking and streamlining reminder email notifications, reducing processing time by approximately **150 seconds**
- Created an automation tool to download and store 50+ software licenses daily from multiple servers, reducing manual effort by 90%.
- Building a dashboard using **React and Golang** which fetches the minute-wise license data information of Active license across 3 different Intel servers to analyze the total cost of License Renewal which will help in **reducing the net license cost by 20%**.

Education

Vellore Institute of Technology
Integrated M.Tech in Software Engineering
CGPA: 8.91

Guru Tegh Bahadur Public School
Secondary Education (XII)
Percentage: 93.4%

Projects

Crypto Verse
React JS, Express JS, Rapid API

- Designed and devised a cryptocurrency market analyzer that provides real-time price trends, market capitalization, and historical data visualization.
- Integrated **third-party APIs** (Rapid API to fetch up-to-date market data and ensure seamless user experience.
- Added high-impact features including Live News, Crypto Converter, Top 20 Exchanges, and an event-driven Crypto Calendar.
- Improved UI performance by 40% using Infinite Query and optimized data processing for faster load times.

ThinkIt – Full-Stack MERN Blog Application
React JS, Express JS, Mongo DB

- Developed a full-stack blogging platform with support for image uploads, enabling 100+ users to publish and manage blogs seamlessly.
- Implemented secure authentication using **JWT tokens** and **bcrypt.js**, reducing unauthorized access attempts by 95%.
- Added a blog rating system, increasing user interaction by 40% and enabling real-time feedback on published content.

Other Experience

Event Organizer   **2024**
Rivera Cultural Fest, VIT

- *Managed logistics and planning for a cultural fest with 5000+ student attendees.*
- *Coordinated performances, sponsorships, and student participation activities.*

Event Manager   *2024*
Gravitas Tech Fest, VIT

- *Handled event scheduling, team coordination, and on-site execution.*