Avneet Singh

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EXPERIENCE

Software Development Engineer Intern | *Stealth Startup | remote - Texas, United States*   *September 2024 - present*
- Architected a React Native iPad-based restaurant POS system with secure **Bearer authentication and role-based access controls**.
- Engineered a secure, configurable in-app settings module with **PIN protection and auto-sleep authentication** for security.
- Implemented dynamic customer management using **useContext API**, enabling streamlined and real-time order modifications.
- Designed an intuitive ordering interface with **category-based menu navigation and item customization**.
- Developed a versatile payment system supporting **multi-tender transactions**, including tips, surcharges, refunds, and split billing.
- Optimized app performance and ensured seamless offline functionality using **AsyncStorage and RESTful API integration**.

Software Development Engineer Intern | *Solidity Technologies | Gurugram, India*   *April 2024 - July 2024*
- Spearheaded mobile app development for **Cars24**, a unicorn startup in the automotive sector, focusing on user-friendly interfaces
- Engineered mobile screens using **React Native**, **Redux Toolkit**, and **React Native Navigation**, ensuring seamless user experience
- Architected and implemented a **Finance First checkout flow**, resulting in a **30% increase** in conversion rates for VIP users
- Innovated an advanced geospatial feature using **react-native-maps** and **RESTful APIs**, improving user experience
- Drove **agile development** practices, contributing to sprint planning, daily scrums, and retrospectives, increasing team velocity
- Championed **clean code** methodologies and best practices, resulting **50% reduction** in bug reports and enhanced maintainability
- Optimized app performance, achieving a **40% decrease** in load times and a **20% increase** in user engagement metrics

Frontend Development Intern | *Toko Dizital | remote - Indonesia*   *March 2024 – April 2024*
- Developed an automated **Instagram content management system**, integrating **ChatGPT** & **DALL-E** for creative content generation
- Implemented **Meta REST APIs** to facilitate seamless posting and scheduling of Instagram content, enhancing social media workflow
- Engineered custom **VBScript** and **batch files** to automate repetitive tasks, reducing manual workload by **60%**
- Orchestrated **cron jobs** for scheduled execution of scripts, ensuring timely content delivery and improving team productivity by **35%**

OPEN-SOURCE CONTRIBUTIONS

Web Developer | *IEEE MSIT | link*   *March 2023 - February 2024*
- Spearheaded full-stack development of a **live, dynamic website** using **React.js**, **Node.js**, and **MongoDB** for IEEE MSIT
- Implemented user-friendly features for **seamless access** to **upcoming events** and community activities
- Enhanced overall user experience and engagement metrics through **intuitive design** and **performance optimization**
- Developed **robust real-time update capabilities** to foster **continuous interaction**, **participation**, and **community growth**

PROJECTS

Swift Fix | *MERN Stack | link*   *Nov 2023*
- Formulated a web application using the **MERN stack** to connect users with home repair service providers
- Designed and implemented a **user-friendly interface** for service providers to showcase their expertise by posting services
- Enabled users to easily browse and **select desired services**, improving accessibility and convenience
- Enhanced the overall **user experience** through intuitive design and seamless interaction features

Legal Sarthi | *MERN Stack | link*   *April 2022*
- Conceptualized and developed a comprehensive **legal solution** to streamline case resolution and enhance judicial efficiency
- Implemented features for **e-filing** to reduce paperwork, optimize workflows, and expedite legal processes
- Improved access to **legal aid services** by fostering equitable resource distribution and enhancing service reach

EDUCATION

Guru Gobind Singh Indraprastha University	**B.Tech - Information Technology** | CGPA: 8.52	*2021 – 2025*
Ryan International School	**Senior Secondary** | Percentage: 89	*2021*

TECHNICAL SKILLS

Languages: C, C++, JavaScript, TypeScript
Technologies: React Native, React.js, Next.js, Node.js, Express.js, Mongoose, PostgreSQL, MongoDB
Frameworks & Methodologies: Git, Bitbucket, Jira, Agile (Scrum)

ACHIEVEMENTS

- ***Highest contest rating of 1831*** and solved ***600+ problems*** on LeetCode
- Participated in ***Fastest Coder First*** in June 2023 organized by Microsoft Azure | **Certificate**
- Achieved ***Problem Solving Basic Certificate in DSA*** issued by HackerRank | **Certificate**
- Secured ***Rank 1 in Code Crunch*** organized by Avensis-MSIT | **Certificate**
- Secured ***global rank of 315*** in CodeChef's Start 85D contest among 15,696 participants | **Leaderboard**
- Secured ***global rank of 90*** in GeeksforGeeks Weekly Coding Contest 98 among 2,226 participants | **Leaderboard**