Amanjot Singh

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EDUCATION

Guru Nanak Dev Engineering College   Punjab, India
Bachelor of Technology in Computer Science and Engineering   *June 2019 – April 2022*

Guru Nanak Dev Polytechnic College   Punjab, India
Diploma in Computer Science and Engineering   *July 2016 – May 2019*

EXPERIENCE

Full Stack Developer   July 2023 – Present
SELF ID Inc.   *New York, US (remote)*

- Accelerated the user onboarding process of a React application that will engage thousands of users, enhancing user experience and integrating Decentralized Identity (DID) for improved security
- Advanced application quality with detailed testing strategies, reduced new issues frequency by 90%
- Spearheaded development of a reusable user interface kit, utilizing Design System to optimize development efficiency by 2X
- Upheld stringent code quality to ensure best practices across the SELF team with code quality score of 90+ and designed a custom release process for stakeholders

Senior Frontend Engineer   November 2021 – July 2023
Khalis Foundation   *California, US (remote)*

- Led the development and UI overhaul of the open-source desktop application, SikhiToTheMax, enhancing its functionality and user experience for over 10,000 active users
- Redesigned the Chromecast receiver module and implemented Single Sign-On, theme settings, and managed code signing for Windows and MacOS distributions, maintaining good code quality, resulting in increase of application average usage time to 1.5X
- Collaborated in developing and reviewing code for innovative apps including the Hazur AI chatbot and the Sundar Gutka mobile app with 800k+ active users, contributing to significant user base growth

Senior Frontend Engineer   June 2020 – July 2023
Ryazio Technologies LLP   *Samrala, India (remote)*

- Orchestrated the development of 5+ products, including blockchain-based HD wallet and executed frontend solutions for a decentralized exchange (DeX) product, demonstrating leadership and mentorship
- Advocated as the frontend architect for Vive Flamencos, significantly enhancing the platform's reach to over 10,000 users by improving accessibility and performance
- Enriched site performance and resolved critical issues at Internet Outages, ensuring operational excellence and reduced FCP from 12s to 1.3s

FreeLance and Business   January 2019 – May 2020
Freelancer   *India (remote)*

- Led the development and delivery of over 10 web platforms and e-commerce sites, including overseeing 5+ WordPress projects, which enhanced the online presence for ample of businesses
- Directed marketing and strategic planning for my online outfit store, enhancing brand visibility and sales strategies, which resulted in quadrupling sales and increasing the client count by 5X within two quarters

OTHER RELEVANT EXPERIENCE

Mentor BRL-CAD   April 2022 – Present
Southwestern University   *Georgetown, TX*

- Guided during Google Summer of Code 2022 in creating the BRL-CAD website, utilizing JavaScript, ReactJS, Figma, SCSS, Next.js, and Antora
- Co-mentored a project for Google Summer of Code 2023, focusing on implementing NURBS editing support in BRL-CAD using C++ technology
- Currently mentoring in Google Summer of Code 2024, leading the development of a new GUI for BRL-CAD using C/C++ and Qt technologies

Contributor - BRL-CAD   March 2021 – October 2021

Google Summer of Code   *US (remote)*

- Contributed to the development of the open-source application OGV, utilizing Meteor, JavaScript, and SCSS to enhance functionality
- Designed model upload indicators, custom coloring, and improved navigation to enhance the UI
- Explore a detailed account of my contributions in my final report on Google Summer of Code 2021

PROJECTS

Binary Meet | *Typescript, Ionic React, Node.js, Express, MongoDB*   May 2020 – January 2023

- Developed a full-stack mobile Athletic meet application with micro frontend services using React, TypeScript, and Express to boost user engagement and functionality by 3X
- Managed an active user base of over 3000+ concurrent users and handled 1000+ concurrent queries, demonstrating strong capacity in high-traffic environments and risk management
- Reduced the time spent on attendance processes by 10X, significantly improving operational efficiency

Store Inventory Management | *JavaScript, PHP, CSS, MySql, Git*   November 2018 – December 2019

- Developed a full-stack open-source application by agile methodologies for inventory management using PHP, JavaScript, and MySQL, delivering comprehensive solutions to streamline operations
- Doubled operational efficiency and achieved 100% accuracy in inventory management through targeted improvements and system enhancements

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, PHP, HAML
Frameworks: React, Vue, Angular, Node.js, WordPress, MUI, Front-end Frameworks
Skills: Effective Feedback, Leadership, Product vision, Project management, Driving Team Topics, Product estimation, scoping and planning, Technical Perspective, Strategic, and Team strategy
Technologies: SCSS, Micro Front-end services, Critical Render path - CRP, Cross-platform app development, Client Side Rendering (CSR), Server Side Rendering (SSR)
Methodologies: Technical Strategy, Software Engineering, Testing Strategies, Agile Development
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, Amazon Web Services, VS Code
Certifications: Emerging Leader Ascent by LeadBelay, International English Language Testing System (IELTS) - English Proficiency C1