

Harnoor Kaur

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Summary

Motivated Full-Stack Developer with experience in building scalable applications using the MEAN stack. Passionate about automating processes, optimizing workflows, and integrating third-party APIs. Eager to contribute to innovative solutions in a fast-paced startup environment. .

Skills

Languages: JavaScript (ES6+), TypeScript, Python, SQL, C++, CSS, Java, Shell Scripting (Bash).

FrontEnd Development: React, Redux, Next.js, HTML, CSS, Responsive Design, Ionic

BackEnd Development: Node.js, Express.js, RESTful APIs, MongoDB (Mongoose, Queries, Aggregation), Spring Boot, JWT Authentication, Firebase Auth

Cloud & CI/CD Tools: AWS (S3, EC2), GCP, Azure, GitHub Actions, Jenkins, CI/CD Pipelines, Webpack, NPM, Yarn, PNPM, Git

Concepts: System Monitoring, Incident Documentation, JWT Authentication, Microservices, Service-Oriented Architecture (SOA), Module Federation, API Development, Performance Optimization, Cloud Solutions (AWS, Azure, GCP), Agile Methodology, Usability

Tools: Postman, MongoDB, ServiceNow, Splunk, Dynatrace, Figma, OpenAI, Adobe, Zebra TC5X Series Mobile Computers

Soft Skills: Work Ethic, Ownership, Teamwork, Communication, Adaptability, Creativity, Problem Solving

Education

Post-Graduation Diploma in Web and Mobile App Development

Langara College (GPA: 3.28/4.33)

Vancouver

Bachelor of Technology in Computer Science & Engineering

Punjab Technical University (GPA: 8.48 / 10)

Punjab, India

Experience

Walmart

May 2023-Present

Omni Customer Fulfilment Associate

Vancouver, British Columbia

- Utilized Zebra TC5X Series mobile computers for efficient order picking, smart staging, dispensing, and inventory management.
- Assisted customers with technical issues for online orders and provided in-person support, enhancing customer satisfaction and loyalty.
- Participated in continuous improvement initiatives, suggesting operational procedure enhancements and optimizing productivity.

Tata Consultancy Services

July 2021 – Nov 2022

System Engineer

India

- Directed a major technical upgrade for a UK-based financial banking application, enhancing performance by 30% through Spring Boot batch automation and minimizing post-release defects by 25%.
- Delivered Level 2 technical support, reducing user-reported issues by 20% and maintaining 98% system uptime. Optimized system health with Dynatrace monitoring by creating dashboards for real-time performance insights and efficiently managed incidents using ServiceNow. .
- Enhanced application compatibility for Windows 10 through code refactoring and testing, resulting in a 40% expansion in user base and increased overall user satisfaction.
- Collaborated with cross-functional teams to address critical technical and compliance issues, ensuring adherence to regulatory standards and operational excellence. .
- Mentored junior engineers, fostering adherence to best practices in software development and system security, which improved code quality and system reliability.

Projects

SecureShare | *a Web Application*

- Technology Stack: React, Redux, Python, Django, SQLite, Docker, Web Crypto API, JWT Authentication, AES-256 Encryption.
- Developed robust user authentication with MFA and RBAC to ensure secure access. Implemented encrypted file uploads (AES-256) and secure shareable links with expiration for controlled file sharing.
- Enforced cybersecurity best practices, including HTTPS with TLS, bcrypt password hashing, JWT session management, and comprehensive input validation to mitigate vulnerabilities.
- Delivered a clean, modular full-stack solution with rigorous encryption, seamless client-server communication, and Dockerized deployment for ease of use and scalability.

WellQuest | *a Native Mobile App*

- Technology Stack: React Native, Expo, MongoDB, AWS EC2, JWT Authentication, OpenAI, Google Vision API
- Designed and developed responsive, user-friendly interfaces using React Native and Expo, boosting client engagement and retention.
- Implemented client progress-tracking tools, empowering gym trainers to monitor performance metrics, enhance client motivation, and improve retention.
- Contributed to back-end development using MongoDB and AWS EC2, integrating APIs such as OpenAI and Google Vision for enhanced functionality and a seamless user experience.

PawGuard | *a Web Application*

- Technology Stack: React, Express, MongoDB, Node.js, Microsoft IIS Server, tomtom API for mapping
- Developed reusable, custom React components and optimized the user interface, enhancing user interaction and satisfaction by improving responsiveness and accessibility.
- Engineered seamless integration between the React front end and Node.js/Express back end, ensuring efficient data flow and improving application reliability.
- Designed and implemented a comprehensive database system for pet insurance, streamlining insurance management and clinic selection for pet owners.

SmartPack | *a Progressive Web App*

- Technology Stack: HTML, CSS, JavaScript, Firebase
- Developed SmartPack, a Progressive Web Application (PWA) for efficient task and activity planning, enhancing user experience through a streamlined, intuitive interface.
- Designed both the user interface and back-end functionalities, ensuring a cohesive and user-friendly application.
- Implemented task management features, including dynamic list creation, item addition, and real-time progress tracking, enabling users to stay organized and achieve their goals.