Robin Prajapati

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SUMMARY

Highly motivated and detail-oriented software engineer with a strong educational background in computer science and a passion for developing innovative solutions.

Proficient in multiple programming languages, frameworks, and databases. Strong problem-solving abilities and a track record of delivering high-quality software solutions. Adept at collaborating with cross-functional teams and working in an Agile development environment.

Equipped with solid programming skills and a solid understanding of software development principles. A quick learner who thrives in a collaborative environment and possesses excellent problem-solving abilities.

Committed to delivering high-quality code and meeting project deadlines. Seeking an entry-level software engineering position to apply and further enhance skills while contributing to the success of an organization.

Conducted unit testing and participated in code reviews to ensure code quality and adherence to best practices.

Assisted in database design and optimization, improving the system's performance

Collaborated with a team of developers to enhance an existing web application by implementing new features and resolving bugs.

Collaborated with the organization's team to gather requirements, design the system, and deliver a user-friendly interface.

TECHNICAL SKILLS

Languages:	Python, JavaScript, Java, C, C++, C#, CSS3, HTML5, Bash, PHP, MySQL, Oracle, Solidity
Frameworks:	Node.js, Express.js, React JS, Vue.js, Next.js, Laravel 8/9, ASP.NET Core, MongoDB, MySQL, PostgreSQL
Tools:	MS Visual Studio/VS code, Ansible, POSTMAN, XAMPP, Git/ GitHub, Jira, Bitbucket, Remix
Other Skills:	Blockchain, Ethereum, Docker, Jenkins, Google Cloud, AWS (EC2, Lambda, S3, DynamoDB, etc.)

EDUCATION

Old Dominion University, Norfolk, VA   **Jan 2021 to Dec 2022**
Master of Science in Computer Science   GPA: 3.77
Relevant coursework: Web Science, Computer Architecture, Database Concepts, Data Structures and Algorithm

Visvesvaraya Technological University, Bangalore KA, India   **July 2016 to Aug 2020**
Bachelor of Science in Information Science   GPA: 7.76
Conducted Blockchain Workshop from the department of Information Science to introduce private and public blockchain.

PROFESSIONAL EXPERIENCE

MedhTech - Sterrett, AL   **April 2022 to Current**
Software Developer
• Worked in an Agile team of developers for a fast-paced software development firm. Developed and provided maintenance for 5+ client websites, using Node.js, Express.js, ReactJS, and Vue.js. Achieved 100% client satisfaction and on-time completion.
• Worked with the team of 5 to formulate creative solutions for several problems across various sectors (Medical, Transport, Education, and Financial). Enforced backend services using Node.js, ASP.NET Core/MVC, and GraphQL.
• Reduced developer builds timelines by 33% by creating project plans and leading a team in implementing strategies to make applications more reusable and customizable.

Old Dominion University - Norfolk, VA   **Jan 2021 to April 2022**
Graduate Research Assistant
• Programmed and delivered 3+ responsive applications that enhanced UI/UX and drove business growth. Designed and administered backend API using GraphQL and UI pages using ReactJS, Redux, Next.js, and Vue.js.
• Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers. Executed CI/CD pipeline with Jenkins for deploying application updates across 5+ environments.
• Promoted to lead RA and participated as a team leader to deliver more than 2 big projects to clients from healthcare and government sectors. Identified and managed the resolution of technical issues during the development and testing phases.

Old Dominion University - Norfolk, VA   **July 2019 to Aug 2019**
Software Developer Intern
• Detected Aggression in Alzheimer's and Dementia Patients by collecting Real-time streaming data from smartwatch & web camera (real-time data from Fitbit device which is been monitored over 25 days).
• Administered a solution using PCA for dimensionality reduction and furthermore prepared ML algorithms with an accuracy of 86.5%.

Analyzed - facial expression, tone, speech, heart rate, and rapid hand/lymph movement and set threshold values for each.

• Led a team of 5 people and directed user portal using ReactJS, PHP, Laravel 8, and MySQL to automate the GitHub tasks like committing, pushing, forking, and merging the repositories for naïve users.

PROJECTS

Land Registry using Blockchain   **February 2022 to December 2022**

Technology/Languages: **ReactJS, Next.js, Node.js, Express.js, Ethereum, and Hyperledger Fabric**.

• Implemented a private blockchain-based web portal to register the land agreements and created 2 level verification portals to verify the land records by the government authority.

• Implemented a responsive user-friendly SPA, Instituted part land sell functionality to give landowners an interface to sell the part of their land ownership.

CHKD – Children's Hospital for King's Daughter   **July 2021 to December 2021**

Technology/Languages: **Vue.js, Vue 3, Vuex, Node.js, Express.js, Socket.io, Firebase, and MongoDB**.

• Structured a responsive web app with 3 level role-based authentication system. Proposed the chatting functionality between patients and doctors for prescription details.

• Introduced a live tracker to check surgery status (patients can view their present, past, and future status).

University Student Details Portal   **Jan 2021 to March 2021**

Technology/Languages: **ReactJS + Redux, Node.js, Express.js, and MySQL**.

• Designed 2 level role-based authentication interface for students and faculty to access academic records respectively.

• Conceptualized automated calculator algorithm to generate Attendance percentage and final grade automatically based on the student's grade of each term.