

Robin Prajapati

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EDUCATION

Old Dominion University, Norfolk, VA

January 2021 to December 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 August 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.*

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE

Old Dominion University - Norfolk, VA

January 2021 to date

Graduate Research Assistant

- Programmed and delivered 3+ responsive applications that enhanced UI/UX and drove business growth. Develop backend services using modern technologies like Node.js, ASP.NET Core, 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.
- Taught C++ programming to a class of 27 students and introduced them to numerous concepts of C++ modules, data structures and conducted practical labs for solving programming questions.

Old Dominion University - Norfolk, VA

July 2019 to August 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 React.js, PHP, Laravel, and MySQL to automate the GitHub tasks like committing, pushing, forking, and merging the repositories for naïve users.

BFIT Technologies – Bangalore KA, INDIA

February 2019 to May 2019

Web Developer

- Prepared a lambda function to integrate with the company website's contact page. Established company website from scratch using HTML 5, **JavaScript**, CSS, and Bootstrap and deployed it with the help of Git and GitHub.
- Generated test reports for iOS and android mobile apps and gave presentations using MS office tools like Excel, PowerPoint, Word. Identified and managed the resolution of technical issues during the development and testing phases.
- Defined requirements for a new and existing website of organization with 2 developers. Leveraged Jira for task management and project management.

PROJECTS

Land Registry using Blockchain

February 2022 to December 2022

Technology/Languages: **React.js, Redux, 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: **React.js, Next.js, ASP.NET Core, 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: **React.js, Redux, Java/J2EE, Spring Boot, and MySQL.**

- Designed 2 level role-based authentication interface for students and faculty to access academic records respectively.
- Developed automated calculator algorithm to generate Attendance percentage and final grade automatically based on the student's grade of each term.