in LinkedIn | **◯ GitHub** | **⊕ Portfolio**

ROBIN PRAJAPATI

📞 +1 (332)-201-3615
✉ prajapati9421@gmail.com

TECHNICAL SKILLS

Languages: Python, JavaScript (ES5/ES6), Node, Vue, HTML, CSS, PHP, SQL, Solidity, C, C++, Git, Java.

Tools and Technologies: MongoDB, MySQL, Firebase, Postgres, Flask, Express, Blockchain, Django, Tableau, Keras, TensorFlow, Ajax, Jira, Agile, MVC, DOM, SCRUM, JSON, Open Refine, Weka, Postman, XAMP.

Platforms: Linux, Windows, Android, Docker, and **Cloud Computing Platform:** AWS (EC2, Lambda, S3, RDS, DynamoDB, etc.), Heroku.

Certifications: Complete Node.js Developer degree - Udemy, Blockchain Development Certification - Eckovation.

EXPERIENCE

Graduate Assistant **Old Dominion University, VA** *January 2020 – Present*

- Programmed a responsive private and public Blockchain based web-application for end-users to register and sell the land records.
- Proposed and coordinated a prototype to recognize speaker accent from audio inputs using classical machine learning and signal processing and achieved highest accuracy of 85% – UCI Machine Learning Repository Data Set.
- Taught C++ programming to class of 27 students and introduced them with various CPP modules and different data structures like Arrays, Linked list, Stacks, Queues, etc.
- Conducted practical labs for solving programming questions and assisted 30 under-grads in resolving their doubts to complete the programming assignments.

Software Developer and Research, Intern **Old Dominion University, VA** *July 2019 – August 2019*

- Detected Aggression in Alzheimer's and Dementia Patients by collecting Realtime streaming data from smartwatch & web camera (real time data from Fitbit device).
- Analyzed - facial expression, tone, speech, heart rate and rapid hand/lymph movement and set threshold values for each.
- Administered a solution using PCA for dimensionality reduction and furthermore prepared machine learning algorithms with an accuracy of 86.5%.
- Led the team of 5 people and developed user portal to automate the GitHub tasks like committing, pushing, forking, and merging the repositories for naïve users.
- Winner of Hackathon conducted among 27 students during the Internship program.

Web Developer Intern **Bfit Technologies, Bangalore, IN** *February 2019 – May 2019*

- Developed a lambda function to integrated with company website's contact page.
- Established company website using HTML, JavaScript, CSS, Bootstrap and deployed it with help of Git and GitHub.
- Generated test reports and gave presentation using Microsoft office tools like Excel, PowerPoint, Word.
- Leveraged Jira for task management and project management.
- Defined requirements for new and existing website of organization with 2 developers.

PROJECTS

Land Registry using Blockchain (2022) – Used Vue.js, Node.js, Express, Ethereum, and Hyperledger Fabric.

Implemented private blockchain based web portal to register the land agreements, created 2 level verification portal to verify the land records by the government authority, Instituted part land sell functionality to give landowners an interface to sell the part of their land ownership.

CHKD - Children's Hospital of the King's Daughter (2021) – Used Vue.js, Node.js, Express, Ethereum, Firebase, Socket.io, and MongoDB.

Structured a responsive Web App with multiple role-based authentication system, proposed the chatting functionality in between patients and doctors for prescription details, introduced live tracker to check surgery status (patients can view their current, past, and future status).

University Students Details Portal (2021) – Using HTML, Bootstrap, JavaScript, Vue.js, Node.js, Express and MySQL.

Directed student's portal where students can login with their credentials and watch the details about their Academic records (Attendance percentage, grade of each term and final grade built with an automated calculator algorithm), faculty can update the record of each student by logging in with appropriate credentials.

EDUCATION

Old Dominion University, VA, USA – Master's in Computer Science with a GPA: 3.77 *January 2021 – December 2022*

Visvesvaraya Technological University, KA, India – Bachelor's in Information Science with a GPA: 3.3 *July 2016 – August 2020*

- **Conducted Blockchain Workshop** from the department of Information Science for the Batch 2019.