

PARVAKUMAR PATEL

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Seeking an opportunity in the field of Software Development.

EDUCATION

- Arizona State University, Tempe, AZ, US** (*Masters of Science in Computer Science, GPA: 4*) (08/21 - Present)
- DAIICT, Gandhinagar, India** (*Bachelor of Technology in ICT with minor in Computational Science*) (08/16 - 05/20)

TECHNICAL SKILLS

Programming Skills: C/C++, HTML, CSS, Scala, Java, Kotlin, XML **Tools:** Angular, React, REST, Github, AWS, Jenkins, JIRA, Postman
Scripting Languages: JavaScript, Typescript, Python, Bash, Sh **Databases:** MySQL, PostgreSQL, NoSQL, MongoDB, GraphQL

PROFESSIONAL EXPERIENCE

The School of Social Transformation, ASU, Tempe, AZ, US (*Web-developer and Graphic-designer*) (11/21 - Present)

- Work on the development and handling of the website of the school as per the requirements of courses and the professors.
- Design graphics for events handled by the school for social media marketing and for the future courses offered.

Acceldata Inc., Bangalore, India (*Software Development Engineer, Pulse Data Observability Platform*) (07/20 - 07/21)

- Worked as a full-stack developer of data observability platforms structured with Angular, Kotlin, and MongoDB by managing services across multiple clusters, brainstorming new features and handling existing functionalities by improvements.
- Created a new product "Dashplots" i.e. a dynamic dashboard generator service used for cloud products of Acceldata. Got appreciation from Senior Leadership people for my work in Dashplots.

General Electric, Bangalore, India (*Digital Technology Intern, Platform Team*) (01/20 - 07/20)

Worked in the development of projects for Finance Data Lake of GE, interacting with its Hadoop and MemSQL storage:

- SSS Feeds: Developed a multi-cluster interface in Scala for fetching & analyzing business-critical data of sales and purchases.
- Developed a proxy interface for validating client-database connections with ability to handle more than 100 client requests.

Autonomous Vehicle System, Gujarat, India (*Research Intern at DAIICT*) (05/19 - 07/19)

- Developed a vehicle detection project in Python with histograms of oriented gradients and heatmaps.
- Trained a support vector machine and used the sliding window technique to classify objects based on their features.

PROJECTS

ASL Recognition
(10/21 - 12/21)

- Created an interactive Android application for users to record words using ASL gestures.
- Recognized those gestures by cropping out the gestures using Posnet and feeding the frames to a trained machine that uses the penultimate layers of frames for detection.

CodeSter: Portal for Coders
(02/19 - 04/19)

- Created a platform in React.js for coding enthusiasts to develop skills, discuss and blog.
- Provided customized recommendations by scraping through renowned coding platforms.

The Burger Bank
(06/19 - 07/19)

- React application for taking customized orders from customers as per the ingredients.
- Feature to skim through the past orders and search for orders.

Healthcare Provider Database
(09/18 - 11/18)

- Handled a multi-functional database of hospitals by storing data and providing necessary healthcare solutions to patients using PostgreSQL queries.

Data Visualization of Yes Bank data
(03/19 - 04/19)

- Handled data of 10 million Yes Bank customers to perform predictions and augmentation based on time-series analysis and clustering techniques.

VOLUNTEERING

- Tutored in remedial classes in university for teaching concepts of data structures, algorithms and database management.
- Volunteered in events during Cultural festivals by providing helping hands to the organizers and team.
- Helped the specially-abled under-privileged people receive sources for development by frequent interactions, conducting surveys and raising funds.