

Parth Patel

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EDUCATION

Temple University College of Science & Technology, Philadelphia, PA
Mathematics & Computer Science, B.S.

August 2020 – December 2023

GPA: 3.99/4 Dean's List: Fall 2020 - Present

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, HTML, CSS, Java, C, Oracle SQL, MATLAB

Frameworks / Services: React.js, Next.js, Node.js, Express.js, TailwindCSS, Firebase, SpringBoot

Developer Tools: Git, GitHub, Wireshark, NPM, Unix/Linux

Testing: Mockito, Jest, Selenium, Postman

Certifications: AWS Cloud Practitioner ([CLF-C01](#)), HashiCorp Terraform Associate ([HTA0-003](#)), Azure Fundamentals ([AZ-900](#)), Azure Administrator Associate ([AZ-104](#))

EXPERIENCE

Software Engineer I - Azure Cloud Enablement Team

Feb 2024 – Present

JP Morgan and Chase

Wilmington, DE

- Currently working on implementing a event-driven scanning and reporting system for non-compliant Azure cloud resource to help developers secure their resources and follow industry standards for cloud deployments.
- Automated the conversion of old Microsoft Azure Policies to aid developers save time and work on implementing newer security standards.

Software Engineering Intern - Home and Auto Loans Dept.

June 2023 – August 2023

JP Morgan and Chase

Wilmington, DE

- Created a Mortgage Appraiser record search functionality with SpringBoot and React and ensured it met business needs by communicating with relevant stakeholders.
- Utilized testing methods such as Unit Testing, Component Testing, and Automated Functional Testing to only deploy resilient and documented code into production.
- Leveraged Terraform's infrastructure as code (IAC) capabilities to automate an AWS Website deployment which to hold a knowledge transfer session with the team.

Research Assistant

May 2022 – June 2023

Human Computer Interaction Lab at Temple University

Philadelphia, PA

- Addressed the lack of data literacy education access by working with a team to create a Chrome Extension that detects and classifies data visualizations on the web using Machine Learning with 80% accuracy
- Converted the Chrome Extension to a Web App to reduce the experimental overhead by allowing users to visit our website to test the intervention rather than having to download it and its dependencies
- Co-authored two research papers which were both accepted into two notable conferences

Web Developer

December 2021 – January 2023

Small Business Development Center at Temple University

Philadelphia, PA

- Met with clients at least weekly to get feedback on the progress on their website and to gather requirements for the following week
- Created turnover documentation and custom video training videos unique to each client to aid in the transition of them running their own website
- Completed Search Engine Optimization(SEO) on each client's website to improve their website's standing on search engines

Teaching Assistant - Operating Systems

January 2023 – Present

Computer Science Department at Temple University

Philadelphia, PA

- Introduced new projects weekly and provided resources to students to help them complete labs on time
- Helped students in converting their code to reflect more efficient design patterns and aided in testing their code
- Conducted weekly office hours to provide individualized support and feedback to students on their assignments

TECHNICAL PROJECTS

SmartSpeech | AWS, Typescript, React, Python, Docker

December 2023

- Led a team of 6 developing a drawing-to-speech app for non-verbal autistic children to aid them in expressing themselves.
- Utilized the AWS Public Cloud to ensure the backend of the application is resilient to service failures and employed networking security best-practices by employing private connectivity whenever possible.
- Reduced infrastructure costs by shifting to a serverless container architecture from VMs.