

Parv Jain

San Jose, CA | 559-728-2755 | parvjain2503@gmail.com | linkedin.com/in/parv-2503

EDUCATION

California State University, Fresno, CA	B.S Computer Science	Aug 2017 – May 2021
Relevant Coursework - Web Programming , Algorithm & Data Structure, Database Systems, Big Data Analytics , Operating Systems		

CERTIFICATIONS

- AWS Certified Developer-Associate
- Data Science Bootcamp (Udemy)
- IT Networking Fundamentals (Udemy)

TECHNICAL SKILLS

- **Programming Languages:** Python, C/C++
- **Web Technologies:** HTML5, CSS3, PHP, JavaScript, REST API
- **Frameworks:** Amazon API Gateway, Bootstrap, React.js
- **Databases:** MySQL, DynamoDB, RDBMS, NoSQL
- **Cloud Technologies:** Amazon Web Services (AWS) - S3, EC2, VPC, Route53, IAM, ASG, ELB
- **Tools, Servers:** Apache HTTP Server, Git, JIRA
- **Platforms:** Linux (Ubuntu), AWS CLI, AWS Console, Windows
- **Other Technologies:** Agile, Scrum, Software design patterns, Excel (Pivot tables)

PROFESSIONAL EXPERIENCE

Web Developer, California State University, Fresno, CA	March 2019 - Current
<ul style="list-style-type: none">• Technologies: PHP, MySQL, HTML5, CSS3, Git• Developed a Web application to check-out university vehicles by working collaboratively with senior members.• Communicated with end-users and interpreted the client specifications to the developers.• Resolved bugs by testing multiple versions of the application.• Consistently updated existing content for 13+ sub-department web pages for more than 8,000 students.	

Web Designer/Student Assistant, California State University, Fresno CA	August 2018 – January 2021
<ul style="list-style-type: none">• Technologies: PHP, MySQL, HTML5, CSS3, CMS• Redesigned 4 major webpages to enhance UX using deep links to improve accessibility by more than 4X.• Enhanced Search Engine Optimization (SEO) for 20+ webpages to improve organic web traffic.• Redesigned 100% of events pages creating accordion-style navigation where each layer represents different events.• Worked the box office and the house manager during events. Assisted people with disabilities to ensure the best customer service.	

Cloud Operations Intern, Studycity, Derwood, MD	June 2018 – August 2018
<ul style="list-style-type: none">• Worked with the Cloud Operations team to automate infrastructure management.• Deployed a CI/CD pipeline in AWS DevOps that pulls code from the source repository and automatically deploys it to an EC2 instance.• Conducted a cost-benefit analysis to determine the feasibility of moving an on-prem environment completely into the cloud.• Performed a cost optimization analysis on our AWS environment and identify areas that can save the company money.	

ACADEMIC PROJECTS

Fault-Tolerant WordPress Website using AWS

- **Technologies:** AWS EC2, S3, CloudFront, ASG, RDS, VPC, Route53,
- Deployed a VPC to host a website with load balancing, Autoscaling using CloudFront, Route53, ELB, and ASG.
- Hosted the website on two EC2 Linux instances in different Availability zones using Apache and WordPress. Used Amazon RDS to deploy multi-AZ for disaster recovery.
- Used Security groups and NACLs to ensure security.

Battleship Game using LAMP Stack | [GIT](#)

- **Technologies:** PHP, MySQL, HTML5, CSS3, Git
- Worked with a team to develop a clone of classic Battleship board game using PHP, HTML5 and Javascript.
- Players sign-up to get login credentials and play the game versus an AI that shoots on random locations.
- Everytime a player shoots the application works by connecting to a MySQL database to determine the location of the ship and return hit or miss.

Data Analysis Bigdata

- **Technologies:** Python, pandas, Matplotlib, HiveQL, Spark
- ETL process of the data using HiveQL and Spark.
- Performed prescriptive, descriptive, and predictive analysis on Covid-19 data using Python.
- K-means clustering to find the relation between temperature and affected cases of Covid-19.