

Aparna Popade

Long Beach, CA-90815 | popadep@gmail.com | [LinkedIn](#) | [Github](#)

EDUCATION

California State University at Long Beach

August 2021 - Dec 2022

M.S., Computer Science

3.8/4

- *Relevant Courses:* Topics of Distributed Programming, Analysis of Algorithms, Advanced Software Engineering

Pune Institute of Computer Technology, India

August 2012 - May 2016

B.E., Computer Engineering

8.3/10

- *Relevant Courses:* Data Structures, DBMS, Operating Systems, Data Mining, Cloud Computing, Business Analytics & Intelligence

TECHNICAL SKILLS

Frameworks/Tools: Spring, Hibernate, JDBC, Django, Nodejs, Ansible, Jenkins, Git, Kubernetes, AWS, React, Angular, Docker, ECM

Programming: Python (Proficient), R, C, C++, MATLAB, JAVA, JAVASCRIPT, Bash

Databases: MySQL, Oracle, MongoDB, PL/SQL, Redis, PostgreSQL

Operating Systems: Windows, Linux, Ubuntu

Web Development Technologies: REST, SOAP, XML, JSON, RESTful APIs, HTTP, JSP, Servlets, CSS3, HTML5, AJAX, jQuery

WORK EXPERIENCE

Snapbrillia, San Jose, California – Web Development Intern

May 2022 – August 2022

- Developed components in React.js, followed guides/wireframes for development referenced work from the design team, implementation using JavaScript for further build to pages with functionality/logic
- Strengthened skill for MERN stack programming (React.js, Node.js, MongoDB, Express.js, and Jest) for web development

Accenture Pvt. Ltd., Pune, India – Software Developer

May 2020 – August 2021

- Interpreted and analyzed large data sets consisting of more than 100,000 rows by writing complex SQL queries and scripts
- Executed entire software development lifecycle (SDLC) – analysis, design, development, testing, and CI/CD and actively participated in design and code review for 10+ projects involving HTML5, Java, Visual Studio, and SQL
- Resolved critical issues in the codes in production and made enhancements to rectify them within 24 hours of SLA requirements
- Automated deactivating disabled users in the active directory using Ansible and Jenkins reducing 20+ manual hours per week
- Implemented entire CI/CD pipelines for Gitlab based projects to accelerate the code release cycle by 2 days
- Led team of 5 people to architect, design, develop and implement Cloud solutions AWS (Lambda, EC2, S3, Redshift)

IBM India Pvt. Ltd., Pune, India – Application Developer

September 2016 – April 2020

- Extensively developed and handled REST API's that were used throughout the product for communicating with the backend services and for processing over 50000 data requests based on user input using python
- Participated in daily SCRUM meetings with stakeholders and development team to discuss requirements, test plan review, Sprint planning session, walkthroughs, and QA sign off
- Performed troubleshooting of the issues in the production environment of Enterprise content management (ECM) tools to resolve them on priority and client communications to gather requirements and design solutions for the problems
- Implemented slack notification settings on a web application containing a collection of research studies using ReactJS

Tavisca Solutions Pvt. Ltd., Pune, India – Software Development Intern

November 2015 – May 2016

- Created a media streaming device that enhances the video watching experience in a slow network, with offline video storage and streaming capability and the device can download the content over Wi-Fi, built using Raspberry pi with Linux kernel
- Built a chrome extension that acts as a mediator for node server and passes user requests to node server

ACADEMIC PROJECTS

Signature Fraud Detection System | Python

- Developed a signature fraud detection system using python, Django framework, TensorFlow, and Keras libraries
- Used Convolution Neural Network for differentiating genuine and forged signatures based on dissimilarity metric

AWARDS AND LEADERSHIP

- Awarded 'Deep Skill Award' for automating mapping process and reducing development efforts by 20 percent
- Awarded Manager's Choice Award for the innovation idea at Yearly Hackathon at IBM