

# SAI POOJITHA P

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## Website, Portfolio, Profiles

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- <https://www.linkedin.com/in/saipoojitha/>
- <https://github.com/Poojitha0109>
- <https://www.figma.com/@poojitha0109>

## Professional Summary

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Around 4+ years of experience as a Full Stack Developer, a proficient coder in multiple languages and environments including Python, Java, HTML, and SQL. Worked on Python programming language and its frameworks (Django, Flask), Java and its frameworks (Spring) Strong experience in front-end technologies: HTML, CSS, JavaScript, PHP, JSON, XML, and modern JavaScript frameworks (React, Vue.js, TypeScript).

## Skills

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- Web Technologies: HTML5, CSS, JavaScript, REST, ReactJS, Bootstrap, AngularJS, PHP, Apache
- Languages: Python, Java, C, C++
- Frameworks and UI Tools: Django, Flask, Figma, Photoshop, Adobe Experience Manager (AEM)
- Libraries: JQuery, Numpy, Scipy, Matplotlib, Scikit-learn, SOAP, Pandas, OAuth
- Cloud and Container Technologies: AWS (Amazon Web Services), Azure, Docker, Kubernetes, Jenkins
- Databases: MySQL, Oracle, No SQL (MongoDB)

## Work History

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### Full stack developer- Intern

12/2022 to 05/2023

#### Tiger Analytics – Charlotte, NC

- Used HTML, CSS, JavaScript, JQuery, and Angular Js to implement user interface standards and guidelines during the creation and upkeep of the website
- Worked with a variety of protocols, including Web (HTTP/HTML) and Web Services (REST, SOAP, and JSON)
- Developed and maintained web applications using ASP.NET MVC, leveraging the Model-View-Controller architectural pattern for separation of concerns and scalability
- Integrated RESTful APIs and asynchronous data handling using Observables in Angular, ensuring real-time data updates and optimized performance
- Hands-on expertise in building sophisticated scripts in languages like Python, PowerShell, and Bash for process automation
- SQL database structure was designed and developed utilizing the agile approach and the Django Framework
- Worked on the MEAN stack, the REST design pattern, the MVC framework, and the AngularJS-based single-page applications framework
- In order to automate the installation of Auto scaling, EC2, VPC, and other services, Python scripts using Cloud Formation templates have been created.

### Software Engineer

06/2020 to 12/2021

#### Tata Consultancy Services – Karnataka

- Involved in analysis, design, and development of front end/UI using HTML, Angular10, JavaScript, JQuery, React, Bootstrap, and AJAX
- Created front-end application utilizing React, Webpack, Redux, with PostgreSQL as database, using Python and Django as backend programming languages
- Increased website functionality using Python's Flask framework to manage logic of the web application
- Involved in implementation of Continuous Integration (CI) and Continuous Delivery (CD) processes utilizing Jenkins and Shell scripts
- Implemented reactive forms and form validation in Angular 11, ensuring data accuracy and providing smooth user experience, and used WebPack to bundle TypeScript and JavaScript modules

- Installed and administered Apache Web servers 2.2.1 on Red Hat Linux 5.0 and Solaris
- Designed and developed RESTful APIs using ASP.NET Web API, enabling seamless integration with client-side applications and third-party services
- Used Pandas API to convert data into time series and tabular format for local timestamp data manipulation and retrieval, and then stored it in MongoDB
- Added support for Amazon AWS S3 and RDS to host static/media files and database into Amazon Cloud
- Implemented continuous integration and continuous deployment (CI/CD) pipelines using AWS CodePipeline and AWS CodeDeploy, streamlining development and deployment process
- Designed and implemented serverless architectures using AWS Lambda, AWS API Gateway, and AWS DynamoDB, resulting in highly scalable and cost-efficient backend systems
- Implemented data storage solutions using AWS S3 (Simple Storage Service), enabling efficient and scalable storage of unstructured data
- Made Docker container images by labeling and pushing images, and used Docker containerization to operate on infrastructure
- Managed code versioning with GitHub, Bit Bucket, and deployment to staging and production servers

## Front end Developer

06/2019 to 05/2020

Codinza – India

- Worked with front-end technologies such as HTML, CSS, JavaScript, and frameworks like React, Angular8,9, or Vue.js
- Leveraged back-end technologies like Node.js, Django, Ruby on Rails, or ASP.NET to build robust server-side applications
- Integrated OAuth, JWT Authentication framework for authentication using third-party services
- Built Cassandra queries for performing various CRUD operations like create, update, read, and delete, also used Bootstrap as mechanism to manage and organize HTML page layout
- Used Pandas library for statistics Analysis and NumPy for Numerical analysis of Insurance premiums and Managed large datasets using Panda data frames and MySQL
- Used PHP MyAdmin to handle the administration of MYSQL over the World Wide Web
- Created methods (get, post, put, delete) to make requests to the API server and tested Restful API using Postman
- Graphical data representation using Python modules like Numpy, SciPy, and Pandas and installed using pip command toolkit.
- Teamed on user-centric design strategy in the translation of UX and business requirements into coded solutions.
- Followed SDLC best practices within an Agile environment to produce rapid iterations for clients.

## UI DEVELOPER INTERN

12/2018 to 05/2019

Codinza – India

- Developed and implemented responsive and visually appealing user interfaces for web applications using HTML5, CSS3, and JavaScript, React
- Implemented Single Page Applications (SPAs) using front-end frameworks like React, Angular, TypeScript and Vue.js, enhancing user engagement and reducing page reloads
- Utilized front-end frameworks such as Bootstrap, Foundation, or Material UI to accelerate development and ensure cross-browser compatibility
- Worked on MERN stack (MongoDB, Express, React, and NodeJS) for social media application
- Translated design wireframes and mockups into interactive web pages, maintaining strong focus on user experience (UX) and usability
- Added sprite Images to all products and enhanced Site Using UX Design, Axure, Photoshop, and prototype
- Develop unlimited and customized variations of assets including format, size, color, and zoom, by working with only one set of assets Using AEM
- Collaborated closely with UX designers and back-end developers to ensure seamless integration of user interface components and functionality.

## Education

**Masters:** Information Technology

Graduated date- 05/2033

**The University of North Carolina** - Charlotte, NC

GPA: 3.7/4

**Bachelors:** Computer Science and Engineering

Graduated date- 06/2019

**SVEW** - India

GPA: 3.8/4