Pavan Kumar Redd Panuganti
Full Stack Engineering | Backend Engineering
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Summar

Dynamic and results-oriented Software Development Engineer (SDE) with expertise in full stack and backend engineering with **2+ ears** of proven software development. Proficient in **P thon, React, Java, Golang, C++, and javascript**. Seeking to leverage my technical skills and background to contribute to the success of cutting-edge projects.

Skills

Languages: Flask, Spring, spring boot, React.js, Python, GoLang, JavaScript, typescript, Java, C++, C, MySQL, Redux.js, HTML5/CSS, json, xml.

Tools: Linux/Unix, AWS, EC2, S3, Lambda, RDS, NoSQL, SQL, CI/CD, Docker, microservices, MongoDB, RDBMS, GitLab, PostgreSQL, macOS experience, SQLAlchemy, Cloud Computing.

Others: Data Structures & Algorithms, problem-solving, design patterns, Software design and development,full stack web development, Object Oriented Programming(OOP), unit testing version control(git), API, clean code, analytical skills, communication skills,Teamwork, Agile development, Single-page application architecture, macOs terminal, financial technology.

Education

Florida Atlantic Universit	**August 2022 - Ma 2024**
Master's, Computer Science	*GPA: 3.87*
JNTUH	**August 2016 - September 2020**
Bachelor's, Computer Science	*GPA: 7*

Professional E perience

Ama on	**San Diego, CA, USA**
SOFTWARE DEVELOPER ENGINEER INTERN(Full Stack Engineer)	*May 2023 - July 2023*

- Developed Error Categorization microservices using **SPRING** Framework for the Selling Partner Team(Calculates the pay for sellers on Amazon), which reduced the developer involvement time by **50%**.
- Created a UI for the same team using **REACT**, **HTML**, **CSS**, **Javascript** to visualize the Error Categorization, which Different Teams can use to see the Errors and Services responsible for those Errors.
- Leveraged services like **SNS, SQS, D namoDB**, and other internal Development tools. Participated in code reviews, ensuring adherence to coding standards and best practices.

Florida Atlantic Universit	**Boca Raton, FL, USA**
STUDENT AFFAIRS IT INTERN	*September 2022 - May 2023*

- Developed a Volunteer Registration website using **PHP**, **JAVASCRIPT**, **CSS**, **HTML** and **MSSQL** for University Employees, which shows how many positions are available and who is volunteering. Reduced manual effort of creating and managing Excel sheets by **80%.**
- Engineered a University Vehicle Registration website using **PHP**, **JAVASCRIPT**, **CSS**, **HTML** and **MSSQL** for the university, which shows available vehicles and when a car will be available. Reduced manual effort by **50%.**
- Introduced Email Communication functionality for Admins and registered users, delivering updates on registration statuses.

INDMONEY	**Bengaluru, Karnataka, India**
SOFTWARE ENGINEER(Full Stack Engineer)	*February 2022 - July 2022*

- Implemented various password-cracking techniques to open Mutual Fund Statements, using **GOLANG** and **PYTHON** which improved **Mutual Fund tracking** efficiency by **25%**.
- Developed Various Dashboards for the Support Team to access users data using **REACT**, which reduced Developer involvement by **40%.**
- Collaborated with the Mutual Funds and **Customer Support Team** to resolve Customer issues, increasing customer satisfaction by **20%.**
- Partnered with **product managers** and stakeholders to gather requirements and translate them into technical specifications.

NOUVEAU LABS   **Bengaluru, Karnataka, India**
SOFTWARE ENGINEER (Full Stack Engineer)   *September 2020 - February 2022*
- Designed, developed and Implemented **pa ment Gate a** for the DolphinVC(a google meet kind of application) application using **FLASK** and **REACT**, which helped the business expand by **20%.**
- Designed, developed and Implemented **End-to-End On Demand** and **recurring pa ment** features.
- Built various admin pages and corresponding **APIs** using **React**, **Redu**, and **Flask** frameworks.
- Contributed to new features that enhanced the application's user interface and user experience.

CERTIFICATIONS

SCALER ACADEMY - ONLINE
- An in-depth course on Data Structures and algorithms, Operating Systems, and Computer Networks

COURSERA - ALGORITHM TOOLBOX
- A comprehensive program covering Data Structures and Algorithms