

SIDDHARTH S

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OBJECTIVE

Software Engineer with 3+ years of experience in backend engineering, aiming to leverage my technical expertise in building efficient and scalable systems through a data-driven approach.

EDUCATION

Bachelor of Technology in Computer Science & Engineering Muthoot Institute of Technology & Science
(affiliated to A.P.J. Abdul Kalam Technological University). 2016 - 2020

EXPERIENCE

Software Development Engineer - 1, Springworks

Feb 2022 - Mar 2024

Bangalore, IN

- Involved in the 0 to 1 development of Albus, an AI-powered workspace search assistant. Aggressively shipped around 60 features and resolved roughly 500 bugs as a team, resulting in approximately 26k Slack bot workspace installations within the first year.
- Fostered open communication channels with the Product and Design teams through which post-deployment issues were reduced by 25% on average.
- Maintained communications with the Customer Support team to ensure swift resolution of bugs with an average turnaround time (TAT) of 1 day.
- Responsible for maintaining clean code and advocating for best practices, including Test-Driven Development (TDD). This contributed to a 90% improvement in turnaround time for critical APIs by restructuring the database schema, refactoring aggregation pipelines, and optimizing legacy code.
- Managed and mentored interns, providing learning paths for front-end and back-end development, assigning responsibilities, and offering timely feedback on performance.
- Created automation scripts, researched, explored, and documented various tools that significantly eased the workload of coworkers. These tools and scripts reduced the time to set up workspaces by at least 50%.

Jr. Product Specialist, Cognizant

Sept 2020 - Jan 2022

Kochi, IN

- Responsible for writing business logic in GuideWire ClaimCenter in Gosu programming language which helped insurance companies automate claims for policies.
- Collaborated with third-party vendors to establish API contracts, utilizing their services to reduce the average turnaround time for handling claims by 9-12 days.
- Collaborated with external software contractors to coordinate and distribute work related to another section of policies within ClaimCenter.

TECHNICAL SKILLS

- | | | |
|---|---|-------------------------|
| • JavaScript/Node.js/React.js | • Redis | • TDD |
| • SQL & NoSQL databases - MySQL/MongoDB | • Ethical Hacking & Secure coding practices | • Docker |
| • GraphQL | • API Development | • AWS |
| | | • Slack app development |

PERSONAL PROJECTS

- **Safe Chat (Actively maintained):** Engineered a chat messaging platform using Node.js, with the frontend on AWS S3, and developed using React. This application, in addition to standard features, includes functionality to mask profanities using an abuse dictionary. This dictionary is stored on S3 and loaded into memory as a Trie data structure upon server start. The project is integrated with AWS CodeBuild and CodePipeline, and is deployed on an AWS ECS Fargate cluster with a load balancer (ALB). ([Try it out here!](#))
- **GPTWizard (Actively maintained):** Worked on a ChatGPT-based Node.js application integrated with a third-party WhatsApp API to extend ChatGPT's capabilities to WhatsApp users. The project leverages AWS CodeBuild and CodePipeline for continuous integration and deployment, and is hosted on an AWS ECS Fargate cluster with an ALB. ([Check it out on GitHub!](#))

CERTIFICATIONS

- **Certified Ethical Hacker** Certification obtained from EC-Council (Exp. 2022)

PUBLICATIONS

- **Alyce: An AI Fine-Tuned Screenplay Writer** Co-authored a paper titled "Alyce: An AI Fine-Tuned Screenplay Writer", published in **Innovative Data Communication Technologies and Applications**. in 2020. The paper explores the potential of AI in Screenplay Writing.

HOBBIES

- Actively write [blog posts](#) to help people with best practices in code, tutorials, white paper summaries, etc.
- Reading white papers published in tech. See what I'm reading [here](#).