

Contact

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Education

JUNE 2016 - MAY 2020

Bachelor of Technology (ECE)

National Institute of Technology, Calicut (NIT)

MAY 2014 - JUNE 2016

Higher Secondary (MPC - 95.9)

SRI CHAITANYA College, Guntur

MAY 2014

Secondary School Certificate (9 CGPA)

Bell & Bennett High School

Internship

SEPT 2020 - FEB 2021

Full Stach Developer (Apprenticeship)

BDFL Technologies Pvt. Ltd

(The10xAcademy)

Expertise

- Server-Side Development
- Website Optimization
- Web Application Security
- Application Frameworks/Libraries
- API Development/Database Management
- Integration with External Systems
- Error Handling and Logging
- Version Control and Deployment:
- Testing and Debugging
- Security Testing and Vulnerability Assessment
- Documentation
- Troubleshooting and Support

Language

English

Telugu

Hindi

SaiKiran Sathpadi

Software Engineer

A Tech Enthusiast with 4+ years of hands-on experience in building and optimizing applications. Graduated from NIT Calicut, Fueled by a passion for technology and innovation, skilled in adopting new tools and methodologies to tackle complex challenges. Focused on delivering high-impact solutions that elevate user experience and system performance. Aiming to advance in software engineering with a keen interest in development, architecture, and cutting-edge engineering practices. Expertise in Python, Node JS, React JS, AWS, System architecture design, SQL, Messaging Queues, REST, Unit and Functional Testing, Git etc.

Experience

Oct 2023 - Present

Techolution, Hyderabad (Client:- iHeartMedia, US)

Senior Software Engineer

Led the **Design and development** of critical data processing workflows, managing **millions of requests** and significantly boosting system performance, scalability, and stability. Optimized a complex **data migration process**, reducing execution time from multiple days to just **2 hours**. Improved query performance by **80%** through the identification and resolution of database bottlenecks. Implemented **new autoscaling policies** in combination of Rabbit MQ and AWS ECS, ensuring resilience and uninterrupted service. Consistently delivered **high-quality code** while maintaining **clear communication** with stakeholders to ensure smooth project execution.

Jun 2021 - Sept 2023

Bijak (Krishnacharya Tech Pvt. Ltd.), Gurgaon, Haryana

Software Development Engineer - 1

Developed mobile app backend from scratch actively participating in software architecture, development, deployment, resulting in **10,000+** users within one week of business release. **Successfully** integrating and interacting with AWS services like Lambda serverless, ECS, cloudwatch, DynamoDb, S3, EC2, Congnito, EventBridge, Amplify, AppSync Etc. **Implemented** performance optimizations for APIs/queries using redis, managing db connections etc., resulting **55-70%** of improvement in application speed and user experience. **Contributed** to full-cycle implementation of stock management, order feedback, and other E-commerce mobile app features, from design to development and release. **Constructed** payment reconciliation to capture missing and delayed payments which helped operations team to optimize the efforts by **60%**. **Consistently** engaged in end-to-end product development, collaborating with cross-functional teams and following Agile methodologies for seamless execution. **Provided** impactful mentorship to interns/trainees, nurturing their skills and potential, resulting in a successful conversion to full-time positions. **Conducting** security testing and vulnerability assessments to identify threats like SQL-injections, data leakage etc.

Mar 2021 - June 2021

BDFL Technologies Pvt. Ltd (The10xAcademy), Hyderabad (SDE - 1)

Part of Driving and Mentoring the coding Bootcamp by gathering all the technical requirements resulted in **90%** of the placements. Explored and involved in development of an Ed-tech platform built on Golang and ReactJs

Technical acumen

Programming languages	JavaScript, Python, C++, Shell scripting
Application framework	<u>FastApi</u> , <u>Node.js</u> , <u>Express.js</u> , Flask, React.js, Vue.js, Django
Development and implementation Skill	Rabbit MQ, Terraform, Serverless, REST, Aws SQS, Kafka, GraphQL, Docker, Jenkins, pgAdmin, DataGrip, Agile, Scrum, SDLC, CI/CD, MERN stack, Sentry, Celery, New Relic
Database technology	1.Relational :- PostgreSQL, MySQL, SQL Server, Redshift 2.NoSQL :- MongoDB, Elasticsearch, DynamoDB 3.Cloud databases :- AWS(Lambda, ECS, cloudwatch, DynamoDb, S3, EC2, Congnito, EventBridge Etc.), Oracle
Content Management and Version Control	Git, GitHub, Bitbucket, Confluence
Integrated development environment	Visual Studio Code, PyCharm
Operating system Software	Microsoft Windows, Ubuntu, MacOS
Testing	Unit Testing, Sanity Testing, Integrated Testing Tools :- Postman, Swagger
Project Management and Communication	Jira, Notion, G-Meet, Slack, Zoom, Teams, Outlook