Shivam Sahil HYD, INDIA

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**Summary** - 5 YOE with *solid understanding of Frontend Technologies, JavaScript Ecosystem, Java Virtual Machine, Big Data and Microservices Architecture, highly proficient in building scalable and complex end to end applications*

# SKILLS

## Programming Languages: Scala, TypeScript, JavaScript, Python

## Frameworks & Libraries: Play Framework, Apache Spark, React JS, Material UI, Tailwind, Next JS, FastAPI, Node JS, NEST JS, Express JS

## Databases: SQL, PostgreSQL, Firebase, Google BigQuery

## Tools & Platforms: Docker, Kubernetes, Jenkins, Jest, Playwright, GitHub Actions, AWS, GCP, CI/CD - unit, integration and e2e testing

## Other Skills: Project Management, Problem-Solving, Communication, Web Development, Data Analysis, DevOps

# EXPERIENCE

Nov 2023 - Present

# Senior Software Engineer, ThoughtGenesis (Contracted to Apple Inc. - Maps Project)

* Reduction in app latency up to 15% through memoization, caching, and optimized multi-cluster redirection
* Improved error handling, consistent logging with context and moved IO calls for non-blocking execution.
* Image Workflow optimization, adding support for image binaries
* Fixing gateway timeout errors and JVM issues via SSH tunnelling and VisualVM remote debugging

Oct 2021 - Nov 2023

# Full Stack Developer, Optum, UnitedHealth Group

* Full-Stack developer on Global Navigation UI and Content Management App
* End to end migration of Contentful Content Management System to Adobe Experience Manager
* UI enhancements for reduction of load time by splitting global GQL query into fast and slow queries up to 80%
* Custom React hooks for Lazy Loading and JS bundle optimization for improving P95 and load issues up to 17%
* State management migration from Context API -> Redux Toolkit eliminating unnecessary re-renders and improving performance metrics like rendering efficiency and perceived load time for end-users

Jan 2020 - Oct 2021

# Software Engineer, Yoptima Media Pvt Ltd

* Primary Front-end developer on User Management UI, Campaign Analysis UI and Workflow Automation
* Built serverless cloud functions on GCP and microservices on express JS and FAST API
* End to end NEXT JS Application for user management campaign dashboard UI using chart JS - Integration with BigQuery

# EDUCATION

Nov 2023 - Nov 2025 (Expected)

## Masters Degree, Machine Learning and Artificial Intelligence (ML/AI) (Work Integrated), BITS Pilani

Current GPA - 9.25

Aug 2016 - Aug 2020

## Bachelor's degree, Mechanical Engineering (Robotics), Vellore Institute of Technology

CGPA - 8.87

# Misc Awards and recognitions

* Second Runner Up & Most Unique Submission at Grab Hackathon 2022
* Winner at Autodesk Designathon, and ASME Contests
* Multiple wins including GNEC Award (Mega Hack 2022)
* Olympiad honors: Bronze & Silver Medals (SOF)
* RPA Hackathon Top 7 Finalist
* All India Rank 28 in Junior Mathematics Olympiad and a lot [more here](https://shivam-sahil.vercel.app/#awards)