

Salil Luley

Software Developer

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PROFESSIONAL PROFILE

Software Engineer with six years of experience implementing backend systems, led architecture of key platform that serves 100,000 requests per month, increasing speed and efficiency of system, promoted from Software Developer to Senior Software Developer in a year at Techspian. I have a strong foundation in object-oriented programming using TypeScript and a natural ability to quickly learn and master new tools and platforms. My ambition to grow rapidly in the field sets me apart as a proactive and adaptable professional.

TECHNICAL SKILLS

- **LANGUAGES:** JavaScript, TypeScript, SQL, Java
- **BACKEND DEVELOPMENT:** Node.js
- **FRAMEWORKS:** NestJS
- **DBMS:** MySQL, DynamoDB, Redis, MongoDB
- **ARCHITECTURES:** Microservices, Clean code, MVC
- **VERSION CONTROL:** Git
- **CLOUD:** Familiarity with AWS services like Firehose, SQS, Cognito, S3
- **MISCELLANEOUS:** Git Hub, Swagger, AWS Services, Google Cloud services , Postman, Sabre
- **IDE:** Visual Studio Code
- **AGILE TOOLS:** SourceTree, JIRA, Bitbucket, Confluence
- **COMMUNICATION:** Slack, MS Teams
- **OPERATING SYSTEMS:** Linux, MacOS, Windows

WORK EXPERIENCE

TECHSPIAN

2021 – 2023

SENIOR SOFTWARE DEVELOPER (BACKEND ENGINEER)

Pune, India

- Directed APIs development within a Microservices architecture, resulting in a 40% reduction in system response time at FITTR & TravelBrands.
- Leveraged NestJS and Typescript to architect and implement robust backend systems, seamlessly integrating with MySQL and Amazon services; optimized database queries, resulting in faster data retrieval and improved overall system performance.
- Orchestrated and directed a team of 4-5 developers in executing complex projects with tight deadlines.
- Championed team engagement in product releases, facilitating thorough code reviews and implementing best practices, resulting in a decrease in post-release defects and an improvement in overall product quality.
- Streamlined team workflow by implementing scrum methodology in an agile environment, resulting in an increase in team productivity and an improvement in project delivery timelines.

PROJECTS HIGHLIGHTS

- **Project:** FITTR
Environment: Node.js, Express, NestJS, TypeScript, Clean Code Architecture, MySQL
Description: A platform that connects fitness coaches/ instructors with customers.
App Link: <https://apps.apple.com/ie/app/fittr-health-fitness-coach/id1332568703>
- **Project:** TravelBrands
Environment: Node.js, Express, NestJS, TypeScript, Clean Code Architecture, AWS DynamoDB, AWS Cognito, Sabre GDS.
Description: An internal project, a website that enables TravelBrands agents to book Air tickets for customers.

THREEPLUS

SENIOR SOFTWARE DEVELOPER

2019 – 2021

Pune, India

- Developed and implemented innovative backend applications for Deutsche Gesellschaft fur Internationale; optimized data processing speed and reduced server response time, resulting in enhanced user experience and increased customer satisfaction.
- Created over 10 projects employing Node.js and Typescript for backend applications using Clean Code Architecture.
- Spearheaded a mentorship initiative for junior team members, providing guidance and support in goal setting and professional development, resulting in 100% achievement of individual performance goals.
- Implemented a data-driven approach to web product development, leveraging user research and analytics to drive decision-making.

PROJECT HIGHLIGHTS

- **Project:** Parco
Environment: Node.js, Express, NestJS, TypeScript, MongoDB, Twilio
Description: A valet booking application to help with car parking and other services.
- **Project:** GIZ Mobile Application
Environment: Node.js, Express, NestJS, TypeScript, MongoDB
Description: An internal project, an application serving as a data entry tool for GIZ personals to maintain a record newly discovered species of plants and animals.

e-ZEST SOLUTIONS

SOFTWARE ENGINEER

2017 – 2019

Pune, India

- Gathered and validated requirements as a part of collaboration for a mobile and web application for a Detroit Club based out in Detroit that serves members for fortune 500 companies.
- Led daily stand-up calls with customer to articulate the progress, risks and issues.
- Took part in architecting a highly efficient iOS mobile application developed using Swift and UIKit and released it to app store.

PROJECTS HIGHLIGHTS

- **Project:** DAC

Environment: iOS, Swift, UIKit, Android , Java.

Description: A mobile application to book services of a Detroit Based Club.

App Link: <https://apps.apple.com/ie/app/dac-mobile/id1393930924>

EDUCATION

MSc In Computer Science Technological University Dublin, Ireland	2023 – 2024
Post Graduate Diploma In Mobile Computing Centre for Development Of Advanced Computing (C-DAC), Pune, India	2017 – 2017
Bachelor Of Engineering in Computer Science G.H Rasoni College Of Engineering, Nagpur, India	2011 – 2016

COURSEWORK

- Data structures and Algorithms.
- Object Oriented Programming using Java.
- Developing Android/iOS apps.
- TypeScript.
- React.
- Cloud Computing.
- Databases.
- Design Patterns.
- C#, .Net