Tilak Puli

Senior Software Engineer

Contact

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Github
https://github.com/tilak-puli

Technical Profile

- React
- Node.js
- React Native
- TypeScript
- JavaScript
- Java & Kotlin
- HTML
- CSS
- Spring Boot
- Ruby on Rails
- Express Js
- Next JS and Tailwind CSS
- Golang
- AWS
- Mongo DB
- Postrgres DB
- Bluetooth Low Energy
- JIRA
- Git

Highly motivated and skilled **Full stack software developer** with **4+ years** of experience in developing and delivering enterprise-grade software solutions. Proficient in various programming languages and frameworks, with **a focus on frontend development and BFF**. Skilled in **Agile** methodologies and experienced in working with diverse teams to deliver innovative software solutions.

Work History

2022-09 - Current

Senior Software Consultant

Thoughtworks India, Bangalore

- Provided technical support using knowledge of complex technology to solve problems and support new projects.
- Evaluated multiple software solutions during early software architecture plotting.
- Coached interns and new employees to boost departmental efficiency.

2020-03 - 2022-09

Software Consultant

Thoughtworks India, Bangalore

- Designed and Developed multiple React web applications for clients, from the initial design phase to handing them over for maintenance.
- Mentored new joiners and helped them ramp up to our projects and tech stack
- Worked on crucial microservices handling millions of transactions.
- Took time to get my fundamentals strong in tech stack, good practices, and Agile principles.

2018-05 - 2019-02

Intern

Thoughtworks India, Bangalore

- Completed the prestigious STEP program at Thoughtworks, a highly selective software engineering program that provides training in modern software development practices and technologies

Project History

2022-09 - Current

Senior Software Consultant

MOSIP

- Designed and Developed **a React Native module** to handle **BLE communication** between **Android and IOS** devices for an **open-source** identity management mobile application.
- Focused on the Android BLE layer using **Kotlin** and achieved a significant improvement in transfer speed, reducing **transfer time from 40 seconds to approximately 1 second for 150KB of data**
- Contributed to the development of a React Native mobile app that enables **identity management for 20+ millions** of users across different countries and organizations
- Trained and mentored junior developers, teaching skills in **Clean Code and React Native** to improve overall team performance.

Competencies

Technical Analysis

Responsive design

Computer programming

Code testing

Requirements gathering

Best practices

Flexible and Adaptable

Languages

English

Hindi

Telugu

2020-03 – 2022-05

Software Consultant

Goldman Sachs, Bangalore

- Designed and Developed a **web dashboard to manage 300+ AWS accounts** in multiple regions with a maker-checker flow
- Used AWS APIs, SSM documents, and Lambdas to perform customisable complex operations in AWS
- **Lead UX/UI design** and development of **React application** from scratch
- Worked on **Spring Boot backend** to invoke complex AWS APIs and respond back to UI with response that is paginated and structured
- Helped new team members onboard to team and getting up to speed and handle maintenance.

-- Analytics and Credit Stream --

- Worked on existing **Analytics dashboard** which shows real time **visualization of 300 thousands of transactions** and **2000+ accounts**
- Helped existing team to improve UX design using UX design systems, pagination and restructuring pages.
- Also worked on i**ncreasing speed of analytics API's** which perform **real time computations on 300K+** transactions and accounts. Reduced the response time from **over a minute** ot less than **10 secs**
- Discussed with leads to improve API performance and better ways pre-compute and cache the data
- Worked on **credit team's micro services** which are crucial part in the system
- Worked on **User facing Web application** to create screens for analytics in a **Mono repo React application**

2019-05 – 2021-12

Consultant

Gojek

- Developed a **web application to collect employee feedback** and reviews to calibrate ratings and hikes
- Rewrote **Node.js backend using Ruby on Rails** and migrated from **MongoDB to PostgresDB** for a cleaner and more stable product
- Worked on existing **Express JS backend** to add new features in parallel to new ROR backend
- Contributed to all aspects of the product including creating user stories, building **React UI**, developing backend features, and running applications in **Kubernetes**
- Traveled to **Indonesia** to discuss new requirements and provided user support for queries
- Improved the Testing coverage from **40% to 90%+** for existing and new backend and frontend repositories

Education

2019-05 – 2021-05

Bachelor of Computer application

Alagappa University - Chennai

2015-06 – 2018-04

Diploma: Computer & Maintenance Engineering

MBTS Polytechnic College - Guntur, Andhra Pradesh, India