SHUBHAM ZANWAR

DEVELOPER ● BLOGGER ● INSTRUCTOR

WORK EXPERIENCE

2018 - Present

Digital Analyst
McKinsey Digital Labs, Bangalore
- Full Stack Developer & Instructor

EDUCATION

2014 - 2018

Bachelor of Technology
Vellore Institute of Technology, Vellore
Electrical & Electronics Engineering
CGPA: 9.47

AWARDS & CERTIFICATIONS

TALKS AND WORKSHOPS

– **Speaker** at React Bangalore #53 (State management alternatives for redux)

– **Speaker** at React workshop for beginners organized by Progate and Google developers' group

HACKATHON WINS

– **WINNER** at McKinsey's internal hackathon 2020

– **WINNER** at Google DevFest Vellore 2016

CERTIFICATIONS

AWS Certified Cloud Practitioner
Amazon Web Services
Issued Aug 2020

CONTACT

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SKILLS

LANGUAGES / TOOLS

HTML | CSS | JavaScript
TypeScript | GoLang | SQL
Dart | Docker | AWS
Terraform | Circle CI | Git

LIBRARIES / FRAMEWORKS

Frontend
SCSS, ReactJS, React-Native, Redux, VueJS, Vuex, Flutter

Backend
NodeJS, NestJS, Express, REST API, GraphQL

Databases
PostgreSQL, MongoDB

Practices
TDD, Agile, Scrum methodologies

PROJECTS

PROFESSIONAL PROJECTS

Self-service telco application (Thailand)

A consumer facing self-service mobile and web application for a leading telco provider in Thailand. The focus of the project was to enhance the user experience and performance compared to the existing solution

- **Tech used:** NodeJS, ReactJS, React Native, HapiJS
- **Role:** Full stack developer

Multitenant insurance application (USA)

A multitenant web application that evaluates a small scale business owner's profile and offers appropriate insurance plans that they can choose from. This solution decreases the time to acquire insurance from a couple of days to a couple of hours by automating the role of an underwriter

- **Tech used:** NodeJS, ReactJS, HapiJS, PostgreSQL
- **Role:** Full stack developer

Banking accelerators (UK)

A set of banking accelerators built as node modules to interface with external open-banking providers. This solution decreases the time to launch new greenfield banks by half. A demo react PWA was also built to showcase the project capabilities

- **Tech used:** NodeJS, ReactJS, express, mongoDB, TypeScript, AWS, Terraform
- **Role:** Full stack developer

Complexity analysis tool for automotive industries (India)

A tool to perform comparative analyses between multiple choice of parts for automotive projects. This is in use at an Indian client to replace a primitive excel-based solution

- **Tech used:** NodeJS, ReactJS, NestJS, PostgreSQL, Typescript
- **Role:** Full stack developer

SIDE PROJECTS

Vue NodeGui (2020) (https://vue.nodegui.org)

An open source library to build performant, native and cross-platform desktop applications with Vue. Behind the scenes, it is powered by Qt which makes is CPU and memory efficient. It is essentially, a Vue renderer for NodeGui

- **Tech used:** NodeJS, Typescript, Vue3, Qt

Post-COVID banking solution (2020)

Penny Lane: A mobile application that introduces a three step consumer interaction module for bank customers. The solution included a chat-bot, along with an online and in-person meeting scheduler. This project won first place at the McKinsey internal hackathon in 2020

- **Tech used:** NodeJS, ReactJS, Google DialogFlow

Mixed-reality based advertisement (2016)

Daily Prophet: A novel form of media consumption inspired by the Harry-Potter newspapers, daily prophet. It combined the tangibility of audio and video sources and the inexpensiveness of newspapers. This project won first place the Google DevFest 2016

- **Tech used:** Unity, Vuforia, JavaScript