

SHUBHAM SINGH KALYANWAT

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Experience

Associate Lead Engineer - Full Stack

AirFi Aviation

March 2022 – Present Bengaluru

- Architected a high-scale voucher system generating 1M+ voucher codes per month for use across 400+ flights.
- Migrated legacy AngularJS modules to React & Next.js, implementing SSG to reduce initial load time from 7 to 2.3 seconds.
- Integrated CI/CD pipelines using GitHub Actions and Travis CI, reducing build time to 8 minutes 30 seconds.
- Built and deployed RESTful APIs in TypeScript for third-party mobile apps, setup DRM-based video streaming for secure entertainment delivery.
- Managed agile ceremonies including sprint planning, stand-ups, reviews, and retrospectives.

Senior Software Engineer

Zigram

April 2021 – Feb 2022 Gurgaon

- Engineered backend consolidation workflows to process 5M+ user profiles, improving data indexing and query speeds.
- Improved a full-stack expert research platform using Angular 7, Node.js, PostgreSQL, and ElasticSearch.
- Enhanced reusable, scalable UI components and complex user workflows.

Systems Engineer

Tata Consultancy Services - R&I

June 2019 – March 2021 Noida

- Built dynamic Angular dashboards for a leading U.S. glass manufacturer, optimized website initial load time from 8.5 to 2 seconds.
- Implemented Jenkins CI/CD pipelines, reducing build and deployment time from 42 to 7 minutes using Docker builds and automated scripting.

Mentor & Code Reviewer (Contract)

Udacity

July 2017 – March 2019 Remote

- Mentored over 100 students on JavaScript, Full Stack, and Cloud Nanodegree programs.
- Delivered live 1:1 sessions, code reviews, debugging support, and conceptual guidance.

Full Stack Developer Intern

Youstart Technologies

May 2018 – July 2018 Jaipur

- Designed a hotel booking application using Angular, Ionic, and Firebase containing 10+ UI Screens.
- Implemented map-based search feature across 20+ states.

Skills

JavaScript TypeScript React
Next.js Redux Angular Ionic
Node.js Express REST APIs
Microservices PostgreSQL
MongoDB CouchDB Elasticsearch
Docker Kubernetes Terraform
AWS (EC2, S3, Lambda, EKS)
GitHub Actions Jenkins Travis CI
System Design API Design Agile

Professional Development

Professional Scrum Master

Scrum.org August 2022

Full Stack Developer Nanodegree

Udacity April 2022

Full Stack Development Specialization

Coursera – Hong Kong University

April 2017

Frontend Developer Nanodegree

Udacity March 2017

Education

B.Tech – Computer Science

JECRC Foundation – 81.02%

May 2019

XII – CBSE

Lal Bahadur Shastri Sr. Sec. School – 81.32%

May 2015

Achievements

On Spot Award

Tata Consultancy Services

Google India Challenge Scholarship

Top 150 among 10000 recipients

Winner-JECRC Hackathon-2018

Top 15 among 300 other teams