

## Danish Shaikh

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### PROFESSIONAL SUMMARY

Innovative software engineer with a Bachelor's in Information Technology and distinguished for collaborative skills and a track record of independently delivering impactful results. Ample experience in full-stack development, delivering well-documented, tested, and operable code. Proven ability to design and implement scalable, efficient, and maintainable software solutions. Passionate about staying up-to-date with emerging technologies and collaborating with cross-functional teams to deliver cutting-edge products.

### EXPERIENCE

#### **Software Developer** | *AsIndia Innovations*

February 2023 – Present

- Integrated Ayushman Bharat Digital Mission (ABDM) APIs for digitizing patients health records through ConnectAi.
- Utilized MERN (MongoDB, Express.js, React.js, Node.js) stack to architect and build robust, scalable, and high-performance web-based applications.
- Proposed an innovative cost optimization strategy to migrate from AWS architecture to a local in-house server environment for server cost reduction.
- Continuously explored and implemented advanced Twilio APIs to enhance communication features within web applications, resulting in improved user engagement and overall experience.
- Designed and implemented data extraction lambdas, enabling seamless data extraction for reporting purposes.
- **Projects -**
- **ConnectAi** - Designed and developed a cutting-edge application that revolutionizes the way patients receive medical care. The platform connects patients, clinics, and doctors, providing a seamless and efficient system for healthcare delivery. The virtual consultation feature, integrated with video call and language translation service, allows patients to connect with their doctors from the comfort of their own homes, reducing wait times and improving access to care. The application is dedicated to improving patient outcomes and transforming the healthcare industry, making it easier for people to get the care they need.

#### **Software Development Intern** | *AsIndia Innovations*

October 2021 – February 2023

- Utilized MERN (MongoDB, Express.js, React.js, Node.js) stack to architect and build robust, scalable, and high-performance web-based applications.
- Integrated multiple third party donation APIs to enable users to securely contribute funds on the website.
- Developed user interfaces with modern JavaScript frameworks, including React.js, to deliver highly interactive and responsive web applications.

### PROJECTS

#### **SkillForge (LMS)** | *Next.js, React.js, AWS Amplify, AWS S3, Prisma, MySQL, Docker, ShadcnUI, TailwindCSS, TypeScript* July 2023

- SkillForge is an innovative online learning platform that empowers educators to create and sell online courses with integrated content protection. Developed using Next.js and Prisma, the platform simplifies course creation and commerce capabilities for teachers.
- At its core, SkillForge allows teachers to easily upload and publish engaging video course content while retaining control and ownership. The video files are securely encrypted using VdoCipher's DRM APIs during upload for preventing unauthorized access.

#### **C2C server-less micro-service backend** | *Node.js, TypeScript, PostgreSQL, Serverless framework, Postman*

Summer 2023

- Developing a customer to customer platform's APIs using serverless framework and AWS CDK.
- Using serverless architecture for reduced server costs.

#### **Movies Recommender System** | *Flask, Python, NumPy, SciPy, Scikit-learn*

Spring 2022

- Developed a content-based movie recommendation engine that suggests similar movies based on cosine similarity scores.
- Engineered and cleansed dataset of 5000+ movies retrieved from TMDB to generate metadata. Performed multi-class text classification using Tf-Idf vectors to capture movie themes and descriptions.
- Built cosine similarity machine learning models by vectorizing movie metadata into multidimensional space. Created a fast search algorithm that finds movies closest to the vector of a selected movie. Designed an intuitive UI where users can select a movie and receive personalized recommendations.

### EDUCATION

NBN Sinhgad College of Engineering, Pune

**BE in Information Technnology** | CGPA : 8.02

July 2019 – June 2023

### TECHNICAL SKILLS

**Languages** : JavaScript, TypeScript, Python, SQL (Postgres, MS-SQL, MySQL), HTML, XML, JSON, CSS, Sass

**Frameworks** : React.js, Next.js, Node.js, ExpressJS, Bootstrap, TailwindCSS, ShadcnUI, Framer Motion, ANT Design, Material UI

**DevOps and API Tools** : Git, Docker, Azure DevOps, Swagger, Postman

**Cloud and Security Tools** : AWS, Azure Cloud, SQL Server, Linux (Configuring and Managing)

**Others** : Data Modeling, Agile (Scrum/Kanban), SOLID, Design Patterns, Debugging, Root Cause Analysis