

# SAURABH KUMAR

## FULL STACK DEVELOPER(NIT NAGALAND)

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[LinkedIn](#)

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### PROFILE SUMMARY

A highly skilled Full Stack Developer with 2.5+ years of experience in designing, developing, and maintaining web applications. Proficient in various programming languages and frameworks including Python, Flask, Django Rest framework and DevOps etc. Expertise in both frontend and backend development, database management, and cloud technologies.

### EDUCATION

#### Bachelor's of Technology (Computer Science)

2017 – 2021

National Institute of Technology Nagaland, Nagaland ( NIT Nagaland )

### WORK EXPERIENCE

#### Full Stack Developer

Feb, 2022 – Till Date

#### Agatsa Software Pvt. Ltd, Noida

- Collaborated with cross-functional teams to design, develop, and deploy web applications.
- Developed backend services using Flask Framework and Node js etc.
- Created and maintained databases using Mongo DB, Postgres, SQL, PgAdmin etc.
- Implemented unit testing, integration testing, and end-to-end testing to ensure the quality of the application.
- Deployed applications on GCP, Azure, AWS, Heroku and managed infrastructure as code.
- Participated in daily stand-up meetings, sprint planning, and retrospectives.
- Designed and developed web applications using Python, C++, Flask, Node js, Django etc.
- Conducted code reviews and provided feedback to ensure the code quality.
- Collaborated with product owners to understand the requirements and delivered solutions that meet their needs.
- Developed and maintained the application infrastructure on GCP, Azure, AWS, Heroku.

#### Project Name: Sanket Life-ECG,SanketDoc & Health360 (USA)

- Role: BackendDeveloper
- App Url: <https://play.google.com/store/apps/details?id=com.agatsa.sanket.doctor.sanketlifedoctor>
- App Url: <https://play.google.com/store/apps/details?id=com.agatsa.sanket>
- App Url: <https://play.google.com/store/apps/details?id=com.agatsa.health360&hl=en>
- Description: SanketLife App Communicate with Device like (Sanket 2.0 , Pro Plus , H360 ) and measure ECG , Temperature , Spo2 , Fitness, BPT , HRV. SanketLife App Communicate with Device like (Sanket 2.0 , Pro Plus , H360 ) and measure ECG , temperature , spo2 , fitness, BPT , SanketLife is the world's smallest, clinical grade, touch-based portable ECG Monitor. It is a pocket ECG machine, which can be carried anywhere and can be operated by anyone with minimal or no training. It can take a full 12-Lead ECG.

### Responsibilities:

- Developing and maintaining the server-side code that runs the application logic, data storage, and data processing.
  - Designing and implementing APIs (Application Programming Interfaces) to enable communication between the front-end and back-end systems.
  - Collaborating with the front-end developers to ensure seamless integration of the back-end functionality with the user interface and experience.
  - Writing efficient and optimized code to ensure scalability, reliability, and security of the system.
  - Testing, debugging, and troubleshooting the back-end system to ensure it is functioning properly.
  - The responsibility of a backend developer to deploy an API using Docker involves creating and managing Docker containers, configuring the container and deployment settings, deploying the container using an orchestration tool, and monitoring the container and API to ensure proper functionality.
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### InternShip

April, 2020 – May 2020

#### IBM

#### Project Name: Skin Diseases Identification ( Deep Learning )

**Description:** Skin diseases identification using deep learning is a project that aims to use artificial intelligence and machine learning to help identify various skin conditions and diseases. The trained model can then be used to assist medical professionals in accurately diagnosing skin conditions.

### Responsibilities:

- Data Collection, Data Preprocessing, Model Training, Model Testing and Model Deployment
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### PROFESSIONAL SKILL

- **Programming Language:-** C++, Python
  - **Backend & Framework:-** Django Rest Framework, Fast-API, Flask API, Tkinter Python Module, React.js
  - **Technology:-** Machine Learning and Deep Learning
  - **DevOps:-** Docker, Kubernetes, Jenkins, Nginx, SonarQube, GitHub, Bitbucket-pipelines, GitLab
  - **Clouds:-** Azure, Google cloud Service, AWS, Heroku etc.
  - **AWS Services:-** AWS Lambda, EC2, ECR., ECS, IAM, S3 Bucket, CI/CD
  - **Miscellaneous:** MySQL, DBMS, DSA, Problem-solving,
  - **DataBase:-** MongoDB, Postgres, PgAdmin, SQL.
  - **Tools:-** MS Word, MS Excel, Android Studio, Visual Studio, Notepad++
  - **Web Technology:-** HTML, CSS, JavaScript
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### CERTIFICATIONS

- NIT-N INTEGRATION BEE
  - Crash Course on Python By Google on Coursera
  - DSA Course on GeeksforGeeks
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