VIGNESH KUMAR GUDE

Full-stack Java Software Developer.
B.Tech - Electrical Engineering graduate from IIT Patna.

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EXPERIENCE

August 2021 - Current

Infosys Ltd. — Java Full-Stack Developer

- I am currently working on a project based on Spring Microservices.
- I am responsible for creating components to build Microservices like APIs, Controllers, workflow etc.
- Developed new, efficient and well-tested code for various Microservices.
- Developed and provided documentation to assist non-technical users.
- Delivered clean, error-free code matching project scope and minimising performance issues.
- Worked closely with other team members to identify and remove software bugs

SKILLS

- Java Programming
- Spring Microservices
- Data Structures & Algorithms
- Python & Data Science
- Angular & TypeScript
- HTML, CSS & JavaScript
- DBMS & MySQL
- Git
- Docker & Kubernetes

EDUCATION

2017 - 2021	Bachelor of Technology (B.Tech) Electrical Engineering	Indian Institute of Technology, Patna.	CGPA: 7.43
2015 - 2017	Senior Secondary : 12th	Andhra Pradesh State Board (BIEAP)	Marks: 976/1000
2015	Secondary High School : 10th	Andhra Pradesh State Board (BSEAP)	CGPA: 9.8

PROJECTS

Wecare Consultation WebApp

- Web app developed using Java, Spring Microservices and Angular.
- Users and Coaches can register and Login.
- Users can book/reschedule/cancel their appointments.
- Coaches can view upcoming appointments

TECHNOLOGIES USED

- Java
- Spring Boot
- Microservices
- TypeScript
- Angular

Web development with HTML, CSS and Javascript.

- Web Video Player and Music Player using Javascript.
- Infinite image loader using Unsplash API.
- Front-end Form Validation using Javascript.

- HTML
- CSS
- JavaScript
- Bootstrap

Weather Web-App using Django and Weather Api.

- Created a Weather web application using Django and Weather API.
- Users can enter a city name to know the current weather status.

- Python
- Django
- Weather API

B.TECH PROJECT:

Machine-Learning based Semiconductor device simulation

- Performed simulations on In0.53Ga0.47As GAA MOSFET using Sentaurus TCAD
- The results obtained from the simulation were used in performing gradient boosting regression to assess the impact of device parameter variability on the Threshold voltage of the MOSFET.

- TCAD
- Python
- Machine-Learning

CERTIFICATIONS

- Infosys Certified Java Programmer
- Infosys Certified Angular Developer
- Infosys Certified Python Associate