

# Kanav Manoj Gathe

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## SUMMARY

Enthusiastic DevOps Engineer with hands-on experience in cloud deployment, CI/CD pipelines, and infrastructure management. Proficient in AWS, ECS Fargate, and Terraform with a keen interest in building scalable and efficient solutions. Adept in automating infrastructure and managing containerized applications. Currently exploring Kubernetes and Prometheus to expand my skill set.

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## SKILLS

- **Programming Languages:** Python, Java, C++
  - **Web Technologies:** HTML, CSS, JavaScript
  - **DevOps & Cloud Tools:** AWS (EC2, ECS Fargate), Terraform, GitHub Actions, Jenkins
  - **Version Control:** Git, GitHub
  - **Operating Systems:** Linux (Shell Scripting, Command-Line Operations)
  - **Frameworks:** Django, React, Node.js, Express.js
  - **Databases:** MySQL, MongoDB
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## PROFESSIONAL EXPERIENCE

### DevOps Intern Trainee — Pearlthoughts

Sept 2024 - Oct 2024

- Trained in Infrastructure as Code (IaC) using Terraform, AWS services, and CI/CD pipeline configuration with GitHub Actions.
  - Developed and deployed the Medusa backend to AWS using ECS Fargate and Fargate Spot for efficient cloud resource management.
  - Assisted in creating scalable solutions to enhance deployment efficiency.
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## PROJECTS

### Quotes App | Oct 2024

- Developed a custom API-based application allowing users to create, edit, and retrieve quotes.
- Deployed the application on an AWS EC2 instance, leveraging automated deployment pipelines using GitHub Actions.

## **Telemedicine Module** — Techplement Internship | *Sept 2024*

- Contributed to the development of a telemedicine module focused on healthcare service integration.
- Implemented backend functionalities and ensured seamless data exchange between modules.

## **Online Compiler on AWS** | *Sept 2024*

- Designed and built an online code compiler application deployed using ECS Fargate and optimized with Fargate Spot instances.
- Automated the deployment process and set up CI/CD pipelines using GitHub Actions for continuous integration and delivery.

## **Time-Table Generator** | *July 2024 - Aug 2024*

- Created a full-stack web application using the MERN stack (MongoDB, Express.js, React.js, Node.js) to generate timetables based on teacher and room availability.
- Focused on building a user-friendly UI and efficient backend architecture for optimal timetable generation.

## **Portfolio Website** | *Oct 2023 - Nov 2023* | *Rework: Ongoing*

- Developed and deployed a portfolio website using HTML, CSS, and JavaScript to showcase personal projects and skills.
- Reworking the project using React and Express.js to enhance design and functionality.

## **Final Year Project: Campus Recruitment Training Platform** | *Dec 2022 - Mar 2023*

- Developed a full-stack web application using Django to facilitate coding practice and preparation for campus placements.
- Implemented company-specific coding problem sets and a code compilation feature.

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## **EDUCATION**

### **Bachelor of Engineering (B.E.) in Computer Science**

*Prof. Ram Meghe Institute of Technology & Research, Amravati University* | 2019 - 2023 | CGPA: 8.63 (Approx. 81%)

### **Class XII in Vocational Computer Science**

*Brijlal Biyani Science College, MSBSHSE* | 2018 - 2019 | Percentage: 65.85%

### **Class X**

*School of Scholars, CBSE* | 2016 - 2017 | Percentage: 92.8%

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## **CERTIFICATIONS**

- Docker Training Course for the Absolute Beginner — KodeKloud | *Issued Sep 2024*
- Getting Started with Git and GitHub — IBM | *Issued Aug 2024*

- Introduction to Cloud Computing — IBM | *Issued Aug 2024*
  - Introduction to Web Development with HTML, CSS, JavaScript — IBM | *Issued Aug 2024*
  - Learning Linux Basics — KodeKloud | *Issued Apr 2024*
  - Shell Scripts for Beginners — KodeKloud | *Issued Apr 2024*
  - Introduction to Cybersecurity — Cisco Networking Academy | *Issued 2023*
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## LANGUAGES

- **English:** Fluent
  - **Hindi:** Fluent
  - **Marathi:** Native
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