ABHISHEK PAWAR

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EDUCATION

2021 - present	B.Tech at MIT Academy of Engineering, Pune	(CGPA: 8.91/10.0)
2019 - 2021	HSC at Sir Parshurambhau Junior College, Pune	(90.00 Percentage)
2019	SSC at St. Francis De Sales High School, Pune	(90.80 Percentage)

WORK EXPERIENCE

BMC Software, India - Software Engineer Intern — Jan 2024 - July 2024

- Contributed to the **code migration** of enterprise-level software solutions from **AngularJs to Angular** at BMC.
- Optimised the new user interface **performance by 23%** through reducing recursion and lowering time complexity.
- **Key Skills**: **Angular**, AngularJS, **Typescript, Docker,** Kubernetes, GitHub

QuantEM Edutech Pvt Ltd, India - Web Development Intern — June 2023 - Aug 2023

- Designed and developed an **Ed-tech platform** for QuantEM Edutech Pvt Ltd using **React.js** and **Express.js**.
- Implemented the **CI/CD Pipeline** using GitHub Actions and deployed the website on **AWS EC2 Instance**.
- **Key Skills**: HTML, CSS, **JavaScript, React.js**, Express.js, **AWS**, GitHub, Figma

POSITION OF RESPONSIBILITY

Codechef MIT AOE Chapter - Secretary — Aug 2023 - Present

- As the secretary, I set problems for coding competitions and have conducted various technical workshops as well on campus, nurturing a competitive programming environment

KEY PROJECTS

- **NyayaSarathi - DCFM System** - (Dec 2023 - Dec 2023)
  Developed **Case Flow Management Software** for the **Ministry of Law and Justice** using **MERN** stack.
  Created a **centralized dashboard** for streamlined case registration and management replicating the **e-court** portal.
  Implemented a custom scheduling algorithm inspired by **MLFQ** to prevent case starvation and minimize disposal time
  Deployed the solution on **AWS using Docker and Kubernetes**, ensuring seamless scalability and performance.

- **ExamEdge - AI Mock Test Platform** - (Jan 2024 - Present)
  Developed an **AI**-powered proctored **mock test platform** designed to **replicate** the National Testing Agency **(NTA) test environment** using **MERN** Stack for **QuantEM EduTech Pvt Ltd.**
  Integrated **openCV** technology for **advanced proctoring** capabilities, enabling **secure monitoring** of test sessions.
  Used **Generative** AI for detailed feedback reports and **WebRTC** for real-time test session communication.

TECHNICAL SKILLS

Languages	C++ | C | Java | Python
Web Development	HTML | CSS | Javascript | React.js | Typescript | Angular | Express.js | Tailwind CSS | Figma
Software & Tools	AWS | Linux | Docker | Kubernetes | Git | Github | VS Code
Database	Oracle | MongoDB
IT Contructs	Data Structures and Algorithms | OOPS | DBMS | Cloud Computing

CERTIFICATIONS

- **AWS Academy Cloud Architecting** (October 2023) — Badge
- **AWS Academy Cloud Foundations** (October 2023) — Badge
- **Microsoft Azure AI Fundamentals** (December 2022) — AI 900

ACHIEVEMENTS

Runner-Up - Secured 2nd place at the **Smart India Hackathon 2023** conducted by the Govt. of India
Second Runner-Up - Won the 3rd place at the **CodeSprint** contest organised by **Codechef** MIT AOE