

# Mritunjay Pandey

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## Summary

A tech-savvy Engineer adept in Python, C++, and Azure Cloud services. Crafted an AI-driven health-tech platform, showcasing expertise in application scalability and security. Gained hands-on experience through industry-relevant virtual projects at BCG, Electronic Arts, Citi, AWS, and J.P. Morgan..

A passionate learner constantly upskilling through certifications and academic endeavors. Excelled in coding challenges, winning accolades like the Innovative Project Competition.

Equipped with a unique blend of technical prowess, problem-solving abilities, and a drive for continuous growth. Seeking opportunities to contribute to cutting-edge software development while expanding my horizons.

## Experience

### **AI-Intern | Future Ready Talent**

Microsoft

Feb 2024 - May 2024 (4 months)

During this internship, I developed "Medick" – an integrated healthcare platform that combines an AI-powered healthbot with an appointment booking system for remote healthcare services. Through this project, I gained hands-on experience in the following:

- Front-end web development: Designed and developed a responsive and visually appealing user interface using HTML, CSS, Bootstrap, and JavaScript.
- Azure cloud technologies: Leveraged Azure services such as Static Web Apps for hosting, Blob Storage for data management, and Bot Service for natural language processing and AI-powered healthbot functionality.
- AI integration: Implemented Azure Bot Service to enable natural language interaction, personalized recommendations, and remote symptom tracking through the healthbot.
- Deployment and hosting: Successfully deployed the Medick platform on Azure Static Web Apps, utilizing Azure's scalable and reliable hosting solutions.
- Project management: Collaborated with mentors and industry experts, enhancing skills in project planning, problem-solving, and effective communication.

The internship provided valuable exposure to cutting-edge technologies, industry best practices, and real-world project development, equipping me with the skills and experience necessary for a career in the field of technology.

## Education



**Sardar Patel College of Engineering (SPCE), Mumbai**

Bachelor of Technology - BTech, Electrical Engineering

Aug 2020 - Jul 2024

**S.I.C.E.S. HIGH SCHOOL AMBERNATH**  
SSC



**SMT. CHM College, Ulhasnagar - 03**  
HSC

## **Licenses & Certifications**



**Hackathon 2021** - Sardar Patel College of Engineering (SPCE), Mumbai  
RSIn2e08bd



**Optimization Using Genetic Algorithm in MATLAB** - Udemyl  
UC-8ae3c96c-28b9-41f7-94fc-78c8389d4f23



**SIMULINK Onramp** - MathWorks  
0312e20a-1c89-4ac2-87f2-d5e614687531&



**Cybersecurity** - Tech Mahindra Foundation  
c2ef8211845045f48af69e8ec958a324



**Python for beginners** - Microsoft  
7534308B60E0743



**TCS iON Career Edge - Young Professional** - TCS  
119854-26047986-1016



**Asia AI Odyssey Challenge** - Microsoft

**Python and Data Analysis** - ShapeAI

**Basic Web-Dev with Bootstrap** - Charotar University of Science & Technology  
(CHARUSAT)

**Basic Web Development** - SHAPEAI

**CyberSecurity** - SHAPEAI

**Certificate of Appreciation** - SHAPEAI

**Workshop to Develop Covid-19 Tracker App using Python and StreamLit - AI**  
Probably



**Optical Soliton: Theory and Application** - MIT-WPU School of Computer Engineering and Technology



**Certificate of Participation** - M.H. Saboo Siddik College Of Engineering

**Debate Competition** - Retract Club Nashik Smart City

**Bootcamp on Python and Data Analytics** - Charotar University of Science & Technology (CHARUSAT)



**Self Learning Modules on Net-Zero Energy and Water Buildings** - Solar Decathlon India



**MATLAB Onramp** - MathWorks



**Technical Workshop on Cables - Technology & Application** - Polycab India Limited

**JavaScript and React JS Bootcamp** - SHAPEAI



**Python and CyberSecurity** - Developer Student Clubs BIT Mesra



**Bootcamp on JavaScript and React JS** - Google Developer Group Ranchi



**AI-Intern | Future Ready Talent** - Microsoft  
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**BCG GenAI Job Simulation on Forage** - BCG X



**Electronic Arts Software Engineering Completion Certificate** - Electronic Arts (EA)



**Citi Technology Software Development Completion Certificate** - Citi



**J.P. Morgan Software Engineering Completion Certificate** - JPMorgan Chase & Co.



**AWS APAC Solutions Architecture Completion Certificate** - Amazon Web Services (AWS)



**Introduction to Cybersecurity** - Cisco

## **Skills**

Architecture Design • Programming • Financial Statement Analysis • Financial Data • Git • Technical Communication • TypeScript • Web Applications • API • Back-End Web Development

## **Honors & Awards**

**Innovative Project Competition (2021-22)** - Electrical Engineering Student

Association, SPCE

May 2022

I used analog circuits and microcontroller programming to control the speed of a DC motor through PWM and display its rotation speed on a LCD display using Arduino. I showcased my ability to apply engineering principles and methods to a real-world problem, as well as my originality and innovation.