

# Pratik Mishra

+91-7397889882 | pratikmishra206@gmail.com | Mumbai, India  
linkedin.com/in/pratik1258m | github.com/pratik1258m | pratikai.in

## PROFESSIONAL SUMMARY

Computer Science undergraduate specializing in AI Development and Full-Stack Engineering with hands-on experience building custom AI systems, voice-enabled assistants, and scalable web applications. Completed 5 virtual internships with global firms including AWS, EA, and Deloitte. Proficient in Python, NLP, Gemini API, Node.js, and cloud deployment. Passionate about OS automation, deep learning, and building secure, high-performance software.

## EDUCATION

### Vartak College – University of Mumbai

Bachelor of Science in Computer Science

### Patkar College

Higher Secondary Certificate (Science)

Mumbai, India

Expected May 2028

Mumbai, India

May 2024

## TECHNICAL SKILLS

**Languages:** Python (Advanced), JavaScript (ES6+), Java, C++, SQL, R, HTML5, CSS3

**AI & Machine Learning:** Custom AI Training, NLP, Gemini API, PyTtsx3, Deep Learning, Prompt Engineering

**Web Development:** Node.js, Express.js, Tailwind CSS, REST APIs, MongoDB, AJAX

**Tools & Platforms:** Git, GitHub, AWS Elastic Beanstalk, Linux, Jetson Nano, OS Automation

## EXPERIENCE

### Amazon Web Services (AWS)

APAC Solutions Architecture Virtual Experience

Remote

May 2025

- Designed scalable cloud architecture using AWS Elastic Beanstalk for hosting production web applications.
- Analyzed cost-performance trade-offs to optimize system reliability and improve budget efficiency.

### Electronic Arts (EA)

Software Engineering Virtual Experience

Remote

May 2025

- Proposed new game features and authored technical specifications for C++ class structures.
- Identified and implemented critical bug fixes to enhance gameplay stability and performance.

### Deloitte Australia

Cyber Security Virtual Experience

Remote

June 2025

- Conducted forensic analysis of web server logs to identify and mitigate active security threats.
- Simulated incident response protocols for a mock client data breach scenario.

### Tata Consultancy Services (TCS)

Data Visualization Virtual Experience

Remote

May 2025

- Translated complex business datasets into actionable strategic insights using advanced data visualization tools.

## PROJECTS

### Nexus AI – Personal System Assistant | Python, NLP, OS Automation

- Developed a local AI assistant capable of executing system commands via natural language voice input.
- Integrated WhatsApp automation and custom script execution for hands-free workflow management.

### AI Voice Chatbot | Python, Gemini API, Speech Recognition

- Built a fully custom voice-enabled chatbot with dynamic response logic powered by Gemini API.
- Trained the model specifically on personal portfolio data to accurately answer professional queries.

### Spotify Clone | HTML, CSS, JavaScript

- Engineered a pixel-perfect music streaming interface featuring a custom-built audio player.

### Stock Market Bot | Python, Financial APIs

- Created a CLI tool for real-time stock price tracking, alerting, and data visualization.

## CERTIFICATIONS

**Industry:** AWS Solutions Architecture (Forage), Cyber Security (Deloitte/Forage), Software Engineering (EA/Forage)

**AI & Deep Learning:** NVIDIA Deep Learning Institute, AI on Jetson Nano, Prompt Engineering (LinkedIn Learning)

**Technical:** Python & SQL (HackerRank), AngularJS (HackerRank), Tailwind CSS (Google/Microsoft)

**Security:** Ethical Hacking (Great Learning), SQL Injection Defense (Microsoft)