

AARYA MAHAJAN

Bilingual Software Developer



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[Github](#)

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PROFESSIONAL SUMMARY

Bilingual Software Developer skilled in Python, Django, JavaScript, SQL, AWS cloud services and backend logic development. Experienced with building small applications, working with APIs, and writing clean, maintainable code. JLPT N5 certified with growing Japanese communication ability.

EDUCATION

Bachelor of Engineering : SPPU : 80.27%

Dec 2023

Diploma : Govt. Autonomous Institute : 84.00%

Dec 2020

SSC : MSBSHSE : 90.60%

May 2017

RELEVANT EXPERIENCE

Data Analyst Virtual Intern : Forage - Deloitte Australia

July 2025 - October 2025

- Completed a Deloitte job simulation involving data analysis and forensic technology.
- Created a data dashboard using Tableau.
- Used Excel to classify data and draw business conclusions.

LMS Developer (T.A.) : Dr. D. Y. Patil Vidyapith, Centre for Online Learning, Pune

June 2024 - April 2025

- Developed multiple interactive e-learning courses using HTML, CSS, and JavaScript, React.js.
- Designed responsive web-based courses and integrated multimedia elements.
- Worked with LMS platforms like Brightspace, ensuring smooth course delivery.
- Collaborated with instructional designers to optimize user experience using custom tooltips, buttons, and navigation.
- Conducted testing and debugging for cross-browser compatibility and seamless functionality.

Cloud & Software Development Intern : Artecon Technology Engineering, Pune

July 2023 - May 2024

- Gained hands-on experience in AWS Cloud services such as S3, EC2, and IAM, learning the fundamentals of deployment, storage, and access control.
- Developed small-scale Python and Flask applications hosted on AWS to demonstrate server-side logic and REST API integration.
- Practiced CI/CD deployment workflows using GitHub Actions to automate testing and updates.

Web Development Intern : PHN Technology Pvt. Ltd.

April 2023 - June 2023

- Collaborated with the development team to design and maintain responsive websites using HTML, CSS, JavaScript, and Bootstrap.
- Participated in testing, debugging, and optimizing web pages for performance and accessibility.
- Gained practical experience with version control (Git), team communication, and agile development processes.

SKILLS

- Web Development: JavaScript, HTML5, CSS3, Python, Typescript
- Frameworks & Tools: React.js, Angular, Flask, Visual Studio, Github
- Database: SQL Server, MySQL, NoSQL, SQL
- DevOps & Cloud: CI/CD, Deployment, AWS services, Jenkins, Kubernetes, Terraform, Github actions
- Processes: Agile, Unit Testing, Code Reviews, Office365
- OS: Windows, Linux
- Tools: Excel, Reporting dashboards, Tableau

CERTIFICATES

- **HarwardX** : Introduction to Databases with SQL - [Certificate](#)
 - **Udemy** : Ultimate AWS Certified Cloud Practitioner CLF-C02 (2025) - [Certificate](#)
 - **IBM** : Introduction to Cloud Native, DevOps, Agile, and NoSQL - [Certificate](#)
 - **AWS** : AWS Educate Introduction to Generative AI - [Certificate](#)
 - **AWS** : AWS Training & Certification: Cloud Computing Essentials
 - **AWS** : AWS Training & Certification: Cloud First Steps
 - **AWS** : AWS Training & Certification: Computing Solutions
 - **JLPT N5** Certified
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PROJECTS

Django Blog Platform + Image Uploads (S3 Integration): [Project Link](#)

- Built a blogging platform using Django with blog CRUD, categories, and a clean admin panel.
- Integrated AWS S3 for media storage and deployed the application on AWS EC2 using Nginx and Gunicorn.
- Implemented SEO-friendly routing and basic comment functionality to support user interaction.

Music Player Database: [Project Link](#)

- Designed a backend database system simulating real-world music platforms like Spotify.
- Managed users, songs, playlists, artists, and albums efficiently.
- Implemented user account management, song metadata storage, and playback tracking.
- Applied 3NF normalization and indexing for performance optimization.

Designed and deployed a full-stack serverless web application on AWS: [Project Link](#)

- Hosted the frontend on Amazon S3 with public access via CloudFront for global content delivery.
 - Designed secure, scalable RESTful APIs using API Gateway and AWS Lambda for business logic execution.
 - Integrated Amazon DynamoDB as the backend NoSQL database for fast and cost-effective data storage.
 - Ensured secure, stateless infrastructure with zero server maintenance and high scalability.
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LANGUAGES

- Marathi: Native
- Hindi: Native
- English: Business Proficiency
- Japanese: JLPT N5 (Certified), JLPT N3 (Learning) - Intermediate level