AARYA MAHAJAN

Bilingual Software Developer | Exp: 2+ years

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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 certified (Learning N3) with growing Japanese communication ability.

RELEVANT EXPERIENCE

Software Developer : Artecon Technology Engineering, Pune   Jan 2024 - Present

- Developed and maintained 15+ production-grade backend modules using **Python** (Django), supporting 120,000+ monthly active users.
- Designed and optimized **RESTful APIs** handling 8,000+ requests per minute, reducing average response time by 50%+.
- **Automated** internal reporting and data processing workflows saving 120+ man-hours per month.
- Designed database schemas and optimized **SQL** queries, achieving 35% faster data retrieval and reducing database load.
- Led migration of legacy monolithic services to **microservices** architecture, improving system scalability and reducing production incidents.
- Implemented **CI/CD** pipelines using **GitHub Actions** and **Docker**, reducing deployment time and improving release reliability.

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.

EDUCATION

Bachelor of Engineering : SPPU : 80.27%	Dec 2023
Diploma : Govt. Autonomous Institute : 84.00%	Dec 2020
SSC : MSBSHSE : 90.60%	May 2017
Japanese Language : JLPT N3	Ongoing

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**

PROJECTS

Django Blog Platform + Image Uploads (S3 Integration): <u>Project Link</u>
- 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.

E-Shophere E-commerce Website: <u>Project Link</u>
- Developed a modern, responsive e-commerce platform with intuitive UI/UX focused on usability and performance across devices.
- Implemented user authentication, product listings, and dynamic cart management with real-time updates.
- Integrated a secure checkout flow with proper state handling and validation for a smooth purchasing experience.
- Deployed the application on Vercel, ensuring fast load times, scalability, and continuous deployment.

Designed and deployed a full-stack serverless web application on AWS: <u>Project Link</u>
- 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.

LANGUAGES

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