

DHEERAJ KRIPLANI

AGRA, UTTAR PRADESH, INDIA

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Summary

Software Engineer with a strong foundation in Full Stack Development, Data Structures & Algorithms and scalable application design. Skilled in building responsive web applications, optimizing backend systems, and developing AI-powered solutions to create intelligent and impactful digital experiences. Interested in collaborating on meaningful analytical work in fast-paced environments.

Education

Bachelor of Technology in Computer Science

GLA University, Mathura

Graduated: 2026

CGPA: 8.2 / 10

Experience

Software Engineer Intern

August 2025 – February 2026

Edumext Technologies Pvt Ltd., Noida, India (On-Site) Tech Stack: Spring Boot, Microservices, Amazon AWS, MySQL

- Implemented modular backend components in a Spring Boot **microservices architecture**, ensuring scalability for a network of more than **1,200** educational institutions.
- Designed and integrated core modules such as Student Dashboards, Employee Information Systems, and Fees Management modules, ensuring seamless data flow and high **availability**.
- Refined production-level codebases through optimized MySQL queries and restructuring of **REST APIs** using Spring MVC for improved **maintainability**.

Summer Trainee [Live]

June 2024 – August 2024

Job Oriented Value-Added Course, GLA University, Mathura Tech Stack: Python, Flask, Jinja, Scikit-learn, Matplotlib

- Developed a Machine Learning model(**Linear Regression**) to predict university placements with an accuracy of **85%**.
- The Management System that streamlines attendance tracking using **QR code scanning and OTP verification**, ensuring accuracy and **reliability**. The system minimizes manual effort, reduces errors, and optimizes lecture time for better classroom efficiency.

Projects

Swipe2Clean – A Waste Management and Disposal Website [GitHub]

- Engineered and implemented a robust waste management platform integrating waste recognition technology, geolocation tracking, and task assignment features.
- Improved operational efficiency and reduced response time to disposal requests by **40%** within the first quarter.
- Built responsive user interfaces and scalable backend services for efficient waste collection and monitoring workflows.
- Tech Stack: HTML, CSS, JavaScript, Node.js, EJS, MongoDB

Bakers Villa – An eCommerce Platform [Live]

- Developed and deployed a **cloud-hosted** eCommerce platform for ordering cakes and bakery products with a seamless shopping experience.
- Integrated secure payment gateway using Razorpay along with real-time order tracking.
- Designed a responsive and user-friendly interface to enhance customer engagement and streamline bakery operations.
- Tech Stack: HTML, CSS, JavaScript, Node.js, MongoDB, Vercel, Razorpay

Skills

Programming Languages: C, Java, Python, JavaScript, HTML5, CSS3

Frontend: Embedded JavaScript(EJS), React.js, Jinja2

Backend Frameworks: Spring, Spring Boot, Node.js, Express.js, Flask

Databases: MySQL, MongoDB

Cloud and DevOps: Amazon Web Services (AWS), Vercel, Linux, Git, GitHub

Concepts: Data Structures and Algorithms, REST APIs, Microservices, Object-Oriented Programming, Machine Learning

Soft Skills: Communication, Teamwork, Project Management, Problem Solving, Collaboration

Professional Achievements / Insights

- Certified in **Smart India Hackathon 2024** organized by GLA University on 30th and 31st August 2024.
- Solved more than **1,000** problems on LeetCode and **250** problems on Codeforces, covering core Data Structures and Algorithms topics

Extracurricular Activities

- Guitarist; performed at college events and local gatherings, demonstrating creativity and public performance skills.
- Active badminton player, contributing to physical fitness and competitive sportsmanship.