DEV SWAMI

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Software Engineer with hands-on experience in Node.js, React.js, Next.js. I enjoy building responsive and user-friendly applications, and I have worked with MySQL to design and manage databases. Along with development, I've also contributed by creating automation tools like an Asset Cloning Tool that helps teams replicate production data into QA environments. I'm passionate about solving problems, writing clean code, and continuously learning new technologies.

INTERNSHIPS

SDET

Grip Invest Technologies Pvt. Ltd | Gurugram, HR (On-site)

JAN 2025 – DEC 2025

Designed and developed an Asset Cloning Tool using Node.js and MySQL to replicate production data into QA environments, reducing environment setup time and improving developer productivity. Collaborated with frontend and backend engineers to build and integrate core application features, contributing across the full software development lifecycle. Implemented scalable backend logic and optimized database interactions to ensure reliable and consistent data replication. Leveraged automation frameworks and system-level understanding to enhance development workflows and improve overall platform stability.

EDUCATION

BACHELOR OF COMPUTER SCIENCE & ENGINNERING, MINOR IN GRAPHIC DESIGINING

Amity University, Rajasthan

JUNE 2025

- Distinguished member of the university's Event committee
- Relevant coursework:
  - **Movie Recommendation System**
    Implemented a content-based movie recommendation system using Python, Pandas, and NumPy, applying similarity algorithms and data visualization with Matplotlib, while following Git/GitHub-based version control and clean coding practices.
  - **Weather Prediction Web Application**
    Engineered an end-to-end weather prediction application by training a TensorFlow model and integrating it with a responsive React.js frontend, enabling real-time predictions with cross-platform support.
- CGPA 7.89

SKILLS

- **Backend Specialization**
  Backend Engineering, REST API Design & Integration, Scalable Web Services, Database-Driven Applications
- **Programming Languages**
  Python, Java, C++ (Data Structures & Algorithms)
- **Developer Tools & CI/CD**
  Git, GitHub, Docker, Jenkins, Maven

- **Software Engineering Fundamentals**
  Object-Oriented Programming, System Design Basics, API Integration
- **Languages**
  English (Professional), Hindi (Professional), French (Beginner), Japanese (Beginner)
- **Full-Stack Development**
  React.js, Next.js, Tailwind CSS, Node.js, REST APIs, MySQL

OPERATIONAL / ENGINEERING TOOLS

- **MoEngage** – Event tracking, user engagement campaigns, analytics validation
- **Redis** – Caching and session-level data handling
- **Strapi** – Headless CMS for managing dynamic content
- **Jira** – Agile project tracking and sprint management
- **Google Apps Script** – Workflow and reporting automation
- **New Relic** – Application performance monitoring and issue diagnostics