

Akash Anand

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EDUCATION

Amity University Noida Aug. 2024 – May 2026
Master of Computer Applications Noida, U.P.

Gauhati University Aug. 2020 – May 2023
Bachelor of Computer Applications Guwahati, AS

EXPERIENCE

Amity Innovation and Design Center [🔗](#) [📺](#) May 2025 – Jul. 2025
Software and Robotics Intern Noida, U.P.

- Built a quadruped using ESP32 and a 16-channel servo controller, implementing wave gait locomotion.
- Integrated MPU6050 and ultrasonic sensors for balance, obstacle detection, and responsive movement.
- Cost-Effective Biomimicking Quadruped Robot for STEM Education International Conference on Intelligent Computing and Systems at the Edge (**ICEdge 2025, IISc Bangalore**) (**IEEE, Scopus**) - **Accepted for publication**

PROJECTS

Kharcha: A Personal Finance Tracker [🔗](#)
Tech Stack: Core Java, Java Time API, Git, GitHub

- Created an expense tracker to track individual expense records with amount, category, notes, and timestamp.
- Each transaction is assigned a unique key for identification.

Pen & Paper: A Digital Journal [🔗](#)
Tech Stack: Core Java, Spring Boot, MongoDB, Postman, Git, GitHub

- Developed a backend system for managing journal entries using Spring Boot.
- Designed and implemented RESTful APIs supporting full CRUD operations on journal data.
- Performed API testing and validation using Postman.

Personal Portfolio Website [🔗](#)
Tech Stack: HTML, CSS, Git, GitHub

- Designed and deployed a personal portfolio website.
- Deployed portfolio website using GitHub Pages with custom domain integration.
- Managed version control and deployment using Git.

ACHIEVEMENTS

- Achieved Contest Rating of <1500 on LeetCode. [🔗](#)
- Secured 1st position in Code it Quizzlet 2.0 2025 [🔗](#)
- Pull Request successfully got merged in learnGitBranching's main branch. [🌐](#)

TECHNICAL SKILLS

- **Languages & Technologies:** Java, Spring Boot, MySQL, Git, GitHub, HTML, CSS & JavaScript (Basics)