

Abisha Ghimire

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EDUCATION - Missouri State University

Expected graduation: Dec 2025

Bachelor of Science in Computer Science

- Minor in Mathematics and Business Analytics
- GPA- 3.98/4.0
- Web Programming Certificate | Missouri State University
- Google Data Analytics Professional Certificate | Google Cloud

SKILLS

- **Programming languages:** C++, Python, R, SQL, HTML, CSS, JavaScript, TypeScript, Java, MIPS, Kotlin
- **Frameworks and Libraries:** ReactJS, Bootstrap, Prisma, Node.js, Express.js, Socket.io, .NET
- **Tools and Technologies:** C-Lion, Eclipse, R Studio, PostgreSQL, ELK stack, Tableau, Big Query, Android studio, IntelliJ, Postman, MongoDB, MVC, REST APIs

EXPERIENCES

Web Developer | Web Strategy and Development | Missouri State University **April 2024 – Present**

- Develop and maintain dynamic web applications in React, C# and .NET, enhancing the user experience for over 20,000 students and staff.

Student Secretary | Physics & Astronomy Department | Missouri State University **May 2022 – Present**

- Provide administrative support to the department head, improving departmental efficiency by managing schedules, correspondence, and records.

Front Desk Associate | Department of Residence Life | Missouri State University **Aug 2022 – Aug 2024**

- Assisted residents with inquiries and maintained dorm security, contributing to a safe and welcoming environment for over 500 students.

PROJECTS

Estate Edge | *React, NodeJS, Socket.io, express, MongoDB*

- Developed a full stack Real Estate web application using React and Express.js that allows users to browse and save property listings, with integrated real-time messaging using Socket.io.
- Used MongoDB for database management and Prisma for streamlined CRUD Operations.

Ticket Booking Webapp | *React, Express, stripe, Nodejs, MongoDB*

- Developed a ticket booking web application that allows users to select seats, and book tickets for our banquet by making secure payments through Stripe.
- Integrated email notifications to provide users with booking details after successful payments.

Gnu Shell (guish) | *C++, Linux, POSIX APIs*

- Implemented a UNIX/Linux shell program focused on system programming and system call interface.
- Key features include executing commands with arguments, maintaining a command history of the last 10 inputs, and providing a mechanism to exit the shell while tracking interruptions.

Split App | *Android SDK, Kotlin, Firebase, Jetpack Compose*

- Developed an android application, using Kotlin and Firebase to manage shared expenses with real-time tracking, group management, and automated balance calculations.
- Implemented Firebase for authentication, database storage, and real-time synchronization.

ACHIEVEMENTS AND AWARDS

- International Leadership Scholarship, Pete Sanderson Scholarship & Robin Melton Science Scholarship.
- Winner of **Derivative Bee, 2022** contest among 200+ students.
- Dean's List (Spring 2022 – present).

ACTIVITIES AND INVOLVEMENT

- **Global Leaders & Mentors Program**
- Executive Member of **Traditional Council**
- General Board Member of **South Asian Students Association, Missouri State University**
- Participated in the **83rd William Lowell Putnam Mathematics Competition, 2023**