

# Akhand Pratap Singh

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Degree: Bachelor of Technology - Computer Science Engineering  
University: University of Lucknow

## Education

| Degree/Certificate     | Institute/Board       | CGPA/Percentage | Year      |
|------------------------|-----------------------|-----------------|-----------|
| Bachelor of Technology | University of Lucknow | 7.71 (Current)  | 2022-2026 |
| Intermediate           | MJRP Public School    | 86.8%           | 2021      |
| High School            | Tulika Public School  | 83.7%           | 2019      |

## Projects

### • AI Podcast Generator

Solo Project | GitHub: <https://github.com/akhand998/Podcast>

**Technologies:** Node.js, Express.js, Google Generative AI, ElevenLabs API, Chrome Extension APIs, JavaScript

- Developed Chrome extension that transforms bookmarks into AI-powered podcast summaries with text-to-speech
- Integrated Google Generative AI for content summarization and ElevenLabs for natural audio conversion
- Built backend server with email integration and customizable settings for voice and language preferences

### • Issue Tracker

Solo Project | GitHub: <https://github.com/akhand998/IssueTracker>

**Technologies:** Next.js 15, React, TypeScript, PostgreSQL, Drizzle ORM, Tailwind CSS, JWT Authentication

- Built modern issue tracking application with secure JWT authentication and real-time updates
- Implemented comprehensive CRUD operations with responsive UI and dark mode support
- Integrated PostgreSQL database with Drizzle ORM for type-safe database operations

## Skills

**Languages:** C/C++, JavaScript, TypeScript

**Web Development:** Node.js, Express.js, React.js, Next.js, PostgreSQL, MongoDB

**Operating Systems:** Linux, Windows

**Other Tools:** Git

**Non Technical:** Communication, Teamwork, Leadership, Time Management

## Weblinks

**C++ Programming Certificate:**

[https://drive.google.com/file/d/1DWP8SCKRKddc5EUMsC43UPGk\\_Y7BUwfz/view](https://drive.google.com/file/d/1DWP8SCKRKddc5EUMsC43UPGk_Y7BUwfz/view)

Completed comprehensive C++ programming course covering object-oriented programming, data structures, algorithms, and advanced features.