Priti Kumari

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B.Tech - Electronics and Communication Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.32 (Current)	2022-Present
Senior Secondary	CBSE Board	93.8%	2022
Secondary	CBSE Board	96.4%	2020

PROJECTS

- **Airline Management system** *May. 2024 - June. 2024*
  Coding Club, IIT Guwahati https://bit.ly/3xtSwzi
  – Developed a **dynamic website** for searching and booking one-way and round-trip flights, implementing features for users, to view their **travel history**, **provide ratings** and **reviews for flights**, and **read feedback** from other users to enhance the booking experience.
  – Integrated a real-time flight **API** using **MongoDB** and **Node.js**, and a secure payment gateway with **Razorpay**.
  – Developed a robust authorization system using **JWT Tokens** and **Bcrypt** for password hashing, storing the hashed passwords in the **MongoDB** database.

- **Guidence-Hub** *Feb. 2024 - June. 2024*
  Group Project https://bit.ly/3VH9hPo
  – Developed a comprehensive web application to provide **guidance** and **mentorship** to students assisting them navigating academic and career decisions. The platform features **user profiles**, **mentor matching**, **session booking**, and curated resources.
  – Implemented **session booking** system with **calendar functionality**, for student-mentor appointments.
  – Led frontend development with **React.js**, implemented secure authentication with **JWT Tokens** and **BCrypt**, utilised a framework to efficiently handle **APIs requests** and manage mentor data, employed **MongoDB** for storing detailed mentor profiles.

- **Campus-Collaborate** *Jan. 2024 - Feb. 2024*
  Kriti'24, Software, IIT Guwahati https://bit.ly/3xH5edW
  – Developed a closed-campus community platform for students to collaborate, showcase projects, connect with like-minded peers,integration with outlook for secure user access, utilising **Node.js** and **MongoDB technologies**.
  – Key features include highlighting latest project contributions on the homepage, offering comprehensive profile pages for member's expertise including feedback and dual review systems for project refinement.

TECHNICAL SKILLS

- **Programming**: C, C++, Javascript
- **Web Technologies**: HTML, CSS, Node.Js, React, Express.Js
- **Database Management System**: MySQL*, MongoDB
- **Operating Systems**: Windows, Linux*
- **Miscellaneous**: Git/GitHub, MATLAB* ** Elementary proficiency*

KEY COURSES TAKEN

- **Computer Science**: Introduction to Computing, Computing Laboratory.
- **Electrical and Electronics**: Digital Circuits(Theory and Lab), Signals and Systems, Control Systems, Analog Circuits(Theory and Lab).
- **Mathematics**: Probability and Random Processes, Partial Differential Equations, Linear Algebra.

ACHIEVEMENTS

- **Kriti, IIT Guwahati**, Secured **5th Place** in the Inter-Hostel Technical Competition (Electronics). *2024*
- **Creative shock 2023**, Secured **Global Rank 61** among more than 1000 participants worldwide. *2023*
- **JEE Advanced 2022**, Secured **AIR 7334** among 0.16 million candidates appeared for the test. *2022*
- **JEE Mains 2022**, Secured **98.71 Percentile** among 1.3 million candidates registered for the test. *2022*
- **WBJEE 2022**, Secured **AIR 961** among 81,393 candidates appeared for the test. *2022*

EXTRA-CURRICULARS

- **Kriti, IIT Guwahati**, Participated in Inter-Hostel Tech Competition for Software and Electronics. *2024*
- **Winter Consulting 2023**, Completed a 4-week consulting course by the Consulting and Analytics Club. *2024*
- **Associate, Events and Outreach Team, SAIL**, Collaborated outreach initiatives to boost community interest. *2023*