Zainab Ali

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B.Tech - Electronics and Electrical Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.52 (Current)	2021-Present
Senior Secondary	CBSE Board	93.8%	2020
Secondary	CBSE Board	97%	2018

PROJECTS

- **Money-Tracker** *May'24-Jun'24*
  Personal Project Github
  − Developed a **MERN** Stack-based **Expense Tracker** application that tracks expenses and incomes of users.
  − Implemented all the **CRUD** operations and **filtering along with analytical representation** of the data.
  − **Tech Stack**: React.js, MongoDB, Express.js, Node.js.

- **MailZ** *Jul'23*
  Group Project Github
  − Developed a **MERN** Stack-based **Mailing Application** allowing users to compose, send real-time emails, and manage Inbox, Drafts, and Starred folders.
  − Implemented comprehensive **CRUD operations, real-time updates**, and email categorization.
  − **Tech Stack**: React.js with Material UI framework, Node.js, Express.js, MongoDB. Email Supplied using **smtpjs**.

- **CampusExpress** *Jun'23-Jul'23*
  Personal Project Github
  − Developed a **Full Stack application** enabling alums and seniors to share experiences with juniors and batchmates.
  − Implemented **JWT Authentication** for secure access and comprehensive **CRUD** operations.
  − **Tech Stack**: React.js, Node.js, Express.js, MongoDB.

- **Path-Visualizer** *May'24*
  Personal Project Github
  − Developed a React based web application to visualise graph algorithms like **A*** and **Dijkstra**.
  − Implemented features like moving start and end points and adding weighted nodes and walls.
  − **Tech Stack**: Javascript, React.js, CSS, HTML.

TECHNICAL SKILLS

- **Programming languages**: JavaScript, C/C++, Python*
- **Web Technologies**: HTML, CSS, React.js, Node.js
- **Databases**: MongoDB, MySQL*

- **Operating Systems**: Windows, Linux*
- **Miscellaneous**: Figma, Git, Latex, MATLAB, PowerBi*, AutoCAD*, Arduino*, GAMS*

* Elementary proficiency

KEY COURSES TAKEN

- **Computer Science**: Data Structures and Algorithm, Computer Aided Optimization, Operating Systems*
- **Mathematics**: Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes

* Elementary proficiency

POSITIONS OF RESPONSIBILITY

- **Growth and Content Head**, Techboard, IIT Guwahati *Apr'23-Apr'24*
  − Led the growth of 15 Technical clubs, driving a 20% increase in industry partnerships and overseeing Techboard Magazine, reaching 1k+ readers. Significantly enhancing IITG's tech presence and student engagement.
- **Corporate Relations and Marketing Core Team Member**, Techevince, IIT Guwahati *Apr'23-Apr'24*
  − Managed collaborations across multiple clubs, boosting visibility among industry professionals, increasing industry engagement by 30%, contributing to Techevince's growth as North East India's largest tech exhibition.
- **Senior Executive and UDGAM Manager**, E-Cell, IIT Guwahati *Jul'22-Mar'23*
  − Delivered 50+ content pieces, planned events for over 2,000 participants, and organized UDGAM'23, achieving 95% satisfaction. Adapted across roles, driving a 25% increase in brand recognition.
- **PR and Branding Executive**, Youth Empowerment Club, IIT Guwahati *Jul'22-Apr'23*
  − Organized events with 1,000+ participants, grew social media by 30%, and increased club membership by 15%.

ACHIEVEMENTS & EXTRACURRICULAR

- **JEE Advanced 2021**, Secured AIR 4980 among 0.2 million candidates appearing for the test. *2021*
- **Creative Shock**, Secured a world rank of 62. *2022*
- **10th Board**, District Topper *2018*
- **Debate Competetion**, Won the Inter AECS Zonal level Debate competition. *2017*
- **Sports**, Participated as a member of the Inter AECS Basketball team. *2017*