Grace Mary Matson

Roll No.:200102034
B.Tech - Electronics and Communication
Engineering
Minor in Computer Science and Engineering
Indian Institute Of Technology, Guwahati

+91-9480575380
m.grace@iitg.ac.in
gracemarymatson@gmail.com

Github | Website
linkedin.com/in/grace-matson-53b8a8204/

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	9.46 (Current)	2020-Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	10 (Current)	2021-Present
Senior Secondary	Karnataka State Board	91.33%	2020
Secondary	ICSE Board	97.80%	2018

EXPERIENCE

- **Google LLC.** *May 2022 - July 2022*
  STEP Intern Remote | Hyderabad
  - Developed CI/CD pipelines using GitHub Actions to automate release and deployment of Google Cloud Data Fusion Hub.
  - The automation runs on autoscaled pods on Google Kubernetes Engine using customised image.
  - Handled several cases of error, automated clean up of unused files from Google Cloud Storage production buckets, automated upload of missing files to Nexus Staging and Maven Central repositories.

PROJECTS

- **Election Portal** *Feb.2022 - Apr.2022*
  Project under SWC - Students' Web Committee, IITG Github | Website
  - Portal for the intra-college elections held this year within IIT Guwahati
  - Created frontend voting portal, election screen and various components for the UI in React.js

- **Cryptocurrency Scraper API** *Oct. 2021 - Nov. 2021*
  Personal Project Github | Website
  - Made an API using Node.js to give cryptocurrency data in JSON format
  - Used Express, Axios and Cheerio to scrape the cryptocurrency website

- **Crypto-Tracker Website** *Nov. 2021*
  Personal Project Github | Website
  - Made a website which tracks live cryptocurrency data using an already existing API
  - Used React.js to make the frontend

- **AIWC Website** *Jul.2021 - Present*
  Project under SWC - Students' Web Committee, IITG Github
  - A content-management system for the Australia India Water Centre, a government organization
  - Ongoing group project, in which I have done both frontend and backend work. Backend in Node.js, frontend in HTML, CSS, Javascript, and design using Figma

TECHNICAL SKILLS

- **Programming Languages** : C/C++, Javascript, Java*, Verilog, Python
- **Web Technologies** : Bootstrap, Tailwind, HTML, CSS, Express, NodeJS, ReactJS, EJS, Docker, Kubernetes*,
- **Machine Learning**: NumPy, Pandas, Matplotlib, Scikit-Learn
- **Database Management**: Google Cloud Storage, MySQL, MongoDB*
- **Design**: Figma
- **Operating Systems**: Windows, Linux*
- **Miscellaneous**: Git, Latex*, Arduino* *Elementary proficiency*

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Basic Calculus, Discrete Maths, Probability and Random Processes, Game Theory
- **Electronics**: Digital Design, Signals and Systems, Semiconductors, Network theory
- **Computer Science**: Theoretical Foundations of Computer Science, Data Structures And Algorithms

POSITIONS OF RESPONSIBILITY

- **Branch Representative**, Cepstrum, IIT Guwahati   *Jan.2021 - Present*
- **Web Developer**, Students' Web Committee, IIT Guwahati   *Feb.2022 - Present*
- **Project Head Manager**, Coding Club, IIT Guwahati   *Apr.2022 - Present*
- **Coordinator**, Coding Club, IIT Guwahati   *Apr.2021 - Apr.2022*

ACHIEVEMENTS

- **Institute Merit Scholarship**, Awarded IMS for securing rank 1 in branch   *2021*
- **Summer Analytics Hackathon**, Got an All India Rank of 77
- **Karnataka Common Entrance Test**, Got an All India Rank of 42   *2020*
- **Kishore Vaigyanik Protsahan Yojana (KVPY)**, Got an All India Rank of 742   *2020*
- **Joint Entrance Examination Main**, Got an All India Rank of 1178   *2020*
- **Joint Entrance Examination Advanced**, Got an All India Rank of 2942   *2020*
- **AS Grade**, Awarded AS grades for excellent performance in courses like Signals And Systems, Semiconductors, Data Structures and Algorithms, Probability and Random Processes, Analog Circuits, CS110 Lab, Physics II, Chemistry I, Biology I   *2020-2022*
- **Class X ICSE boards**, Stood first in School, with 97.8%, scoring 100 in Computers, Math, and Science   *2018*
- **Verilog Hackathon**, Intracollege Hackathon, stood second

EXTRACURRICULARS

- **Organizer**, TechOlympics and Corporate, Techniche'21
- **Peer Mentor**, Cepstrum, IIT Guwahati   *Jun.2021 - Present*
- **Music**, Love singing and playing the piano, guitar, violin, and ukulele
- **Conducted React Workshop**, Under Students' Web Committee , for juniors
- **Tech Content Creator**, Member of the content creation team of the official Coding Club Magazine, Debugged
- **Volunteer at NGOs**, Helping in social service activities
- **Avid reader and love photography**,