Kashyap Agarwal

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B.Tech - Chemical Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Guwahati	8.30 (Current)	2020-Present
Senior Secondary	CBSE Board	94.80%	2020
Secondary	CBSE Board	97.80%	2018

EXPERIENCE

- **Amazon** *May 2023 - July 2023*
  Intern at IN-Project Delhi Team Bangalore
  - Orchestrated **Lambda** to **ECS Fargate** migration for scalability and performance.
  - Containerized and fine-tuned Lambda functions, leveraging **Docker** for Fargate deployment.
  - Worked with AWS Identity and Access Management (IAM) for secure role-based access. Integrated AWS CloudWatch for monitoring and logging of containerized applications.
  - Automated deployment pipelines using AWS CodePipeline and AWS CodeBuild for efficiency.
  - Tech Stack: **AWS Lambda, ECS Fargate, Docker, AWS CloudFormation, AWS IAM, CloudWatch, DynamoDB, Amazon S3, VPC, Subnets, AWS ECS, AWS ECR.**

PROJECTS

- **TravelNest** *Mar'2023*
  Group Project Github
  - Developed a web application for seamless short-term property rentals. Integrated secure authentication, streamlined booking, and easy accommodation addition with photos, detailed descriptions, and Google Maps integration for accurate location.
  - Tech Stack: **React.js**, **Express.js**, **MongoDB**,**Node.js**

- **Doc sharing** *Nov'2022*
  Personal project Github
  - Developed a Django based web portal that facilitates users to share files and folders.
  - Users can upload, download and browse other users' files and folders.Created profiles for the users.
  - Users can change privacy settings of their files and folders.They can even add files or folders to their favourites.

- **Time Tracker** *Apr'2022*
  Group Project Github
  - A chrome extension that tracks the day-wise time that the user spends on various websites and with options to alter the UI and increase productivity.
  - The user gets a notification on the device once the daily limit is reached.
  - Tech Stack: **Google Chrome API, Google Charts**

TECHNICAL SKILLS

- **Programming**: C/C++, ,Java*,Python*
- **Web Technologies**: HTML, CSS, JavaScript, Node.js, ReactJS*
- **Database management**: MongoDB, Firebase*
- **Miscellaneous**: Git, LaTeX* ** Elementary proficiency*

KEY COURSES AND MOOC'S TAKEN

- **Computer Science**: Data Structures and Algorithms, Introduction to Computing, Computing Laboratory
- **Mathematics**: Real Analysis, Linear Algebra, Basic Calculus, Probability & Random Processes
- **MOOCs**: Deep Learning Specialization (Coursera), NLP Specialization (Coursera)

POSITIONS OF RESPONSIBILITY

- **General Secretary**, Barak Hostel, IIT Guwahati. *May'23 - Present*
- **Mess Convenor**, Barak Hostel, IIT Guwahati. *May'22 - May'23*
- **Core Team Member**, Consulting and Analytics Club, IIT Guwahati. *Apr'22 - May'23*

ACHIEVEMENTS

- **Flipkart GRiD 4.0**, Cleared the online quiz round among nearly 1.5 Lakh registered students. *2022*
- **Certificate of Merit, Summer Analytics 2021**, Data Science Bootcamp, CNA, IIT Guwahati.
- **Joint Entrance Examination 2020**, Secured **AIR 5160** in JEE Mains and **AIR 5329** in JEE Advanced.

EXTRACURRICULAR

- **TechEvince 8.0**, Participated and Demonstrated QGEN Project under Consulting and Analytics Club. *May'21*
- **Course Mentor**, Summer Analytics 2022, Consulting and Analytics Club, IIT Guwahati.