Hasan Elahi

07 February 2000, Software Engineer

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SKILLS

Frontend & UI/UX: React.js, Next.js, Tailwind CSS, Figma, Wireframing, Prototyping **Backend:** Laravel, Node.js, Flask, APIs **Databases:** SQL, FireBase, FireStore **Machine Learning & AI:** PyTorch, Scikit-learn, TensorFlow, OpenCV **Tools & Platforms:** Git, Google Cloud Platform, Storybook, PowerBI, Tableau, AI Coding Assistants

Key Qualifications

- Software Engineer with expertise in full-stack development, UI/UX design, and machine learning, experienced in conducting stakeholder research, designing in Figma, and delivering production-ready React component libraries.

- Holds both a Bachelor's and Master's degree in Computer Science and Data Science, learns new tools and concepts quickly, and excels in collaborative environments.

- Good communicator, proficient in Norwegian and fluent in English, with a track record of working collaboratively in interdisciplinary teams.

Experience

Teaching Assistant   **August 2025 – Present**
Norges Miljø- og Biovitenskapelige Universitet (NMBU)   Ås, Norway
Tech-stack: Python – NumPy – Pandas – Matplotlib – Scikit-learn – PyTorch – MySQL – SQL

- **DAT200 (Advanced Machine Learning):** Assist students with data preprocessing, visualization, and model building using Python libraries (NumPy, Pandas, Matplotlib). Guide students in developing and fine-tuning machine learning models with Scikit-learn and PyTorch.

- **INF230 (Data Handling and Analysis):** Guide students in MySQL programming, query optimization, and data analysis techniques. Support understanding of relational databases and data handling methods.

- Support grading and provide constructive feedback to improve student understanding across both courses.

Software Engineer Internship   **September 2025 – December 2025**
Kartverket   Skøyen, Norway
Tech-stack: Figma – React – Tailwind CSS – UI/UX Design – Stakeholder Interviews

- Conducted stakeholder interviews to gather UI/UX requirements, designed mockups in Figma, and modernized key sections of Norgeskart's official website using React and Tailwind CSS.

- Delivered newly designed React components as a reusable UI library with Storybook documentation for future development.

- Advised on integration of LLM technologies to enhance platform capabilities.

Full-Stack Developer & ML Engineer   **May 2023 – Present**
Upwork   Remote
Tech-stack: JavaScript – Python – APIs

- Provide full-stack development and UI/UX services, including UI development and API integration for client projects.

- Train machine learning algorithms and develop APIs for back-end services.

Associate ML Engineer   **December 2023 – July 2024**
Tarabut Gateway   Remote

- Managed annotation of textual and image datasets for machine learning, ensuring accurate labels and data quality.

- Collaborated with teams to refine guidelines and improve the efficiency of the data labeling process.

Patent Engineer   July 2023 – December 2023
Boehmert & Boehmert   Remote

- Contributed to patent filings for major clients, including Microsoft and Huawei.

- Reviewed and analyzed technical documents related to Artificial Intelligence.

- Assisted in the preparation and filing of patent applications, ensuring technical accuracy and compliance.

Web Developer Internship   August 2022 – September 2022
Proglabs   Remote
Tech-stack: React

- Enhanced existing webpages to responsive designs and implemented new features using React.

- Documented new and existing code using JSDoc, as part of required internship for completion of bachelor's degree.

Data Analyst Internship   May 2022 – July 2022
KPMG via Forage   Remote

- Conducted comprehensive data quality assessments and provided actionable insights.

- Developed data visualizations and reports to support strategic business decisions.

Education

- **Master's Degree in Data Science**   **August 2024 – May 2026**
  Norges Miljø- og Biovitenskapelige Universitet (NMBU)   **(Expected)**
                                                                                               Ås, Norway

- **Bachelor's of Science in Computer Science**   2019 – 2023
  Bahria University   Pakistan
  Bachelor's Thesis: Classification of Brain Tumour Using Deep Learning
  CGPA: 3.59/4.0 | 89.75%

Additional Information

- Active member of multiple student organizations at NMBU, including Eclipse as a software developer (non-profit student organization)

- Interests: Skiing, swimming, fashion, and outdoor activities