DIPESH MISHRA

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), DHARWAD   **2020-2024**
Bachelor of Technology [Computer Science & Engineering (CSE)]: **7.52/10.0**
Relevant Coursework: Computer Networks; DBMS; Operating Systems; Data Structures & Algorithms; Machine Learning

XII Standard (CBSE): 95.2%   **2018-2019**
X Standard (CBSE): 9.6/10.0   **2016-2017**

SKILLS

Programming Languages: C, C++, Python   **Tools:** Postman, Tableau, Git, Figma
Backend: Node.js, Express.js, Passport.js, Google Firebase, EJS   **Databases:** MySQL, NoSQL (MongoDB, Firestore)
Frontend: HTML, CSS, Javascript, React.js, TypeScript, Next.js, Bootstrap, SCSS, TailwindCSS, Mantine

WORK EXPERIENCE

TECHON PIXEL | React Developer Intern   **June 2024 - July 2024**
- Contributed to the development of **National People's Party (NPP)**'s official website using **Next.js, TypeScript** and **SCSS.**
- Diagnosed and resolved critical bugs and contributed to the further development of the company's main website.
- Translated **Figma** designs into interactive UI components, ensuring seamless integration.
- Collaborated with cross-functional teams including developers and UI/UX designers to deliver cohesive solutions.

PROJECTS

GITFOLIO TRACKER | [Github](#) | [Live](#)   **Full Stack Project**
- Developed a full stack web application that incorporates GitHub API to allow users to explore, authenticate, and manage GitHub profiles and repositories.
- Built using the **MERN** stack with styling done using **TailwindCSS**, flowbite, and react hot toast.
- Implemented **Passport.js** for secure GitHub authentication, ensuring only authorized access.
- Enabled various features such as 'Like Profile', 'Search Users', 'Explore Popular Repositories in various languages', 'Sort Repositories by Date, Stars, Forks'

REAL-TIME CHAT APPLICATION | [Github](#) | [Live](#)   **Full Stack Project**
- Conceptualized & developed a fully functional web application for real-time communication.
- Leveraged **Firebase** to attain a fluid backend workflow, employing **Firestore** Database for secure data storage.
- Designed the frontend using **React.js**, crafting an intuitive and user-centric interface with **CSS3**.
- Incorporated features such as User Authentication, Email OTP Verification, and Multimedia Message Support, enabling users to exchange image/video messages and voice notes.

CREDIT CARD FRAUD DETECTION SYSTEM | [Github](#) | [Colab](#)   **Machine Learning Project**
- Applied **Logistic Regression** to build a credit card fraud detection system in **Python** using a dataset spanning 48 hours of transaction history of European cardholders.
- Imported and preprocessed the data using Python with essential libraries, including **NumPy** and **Pandas**.
- Performed exploratory data analysis, revealing an imbalanced distribution with 492 fraudulent transactions out of 284,807 total transactions, and employed under-sampling to ensure similar distribution of legit and fraud transactions.
- Achieved an **accuracy** rate of over **94%** on the training data and over **95%** on the test data.

OTHER PROJECTS   **Web Development Projects**
FRONTEND: Text Utility Application | [Github](#) | [Live](#)   Resume Builder Application | [Github](#) | [Live](#)
                       E-Commerce Store | [Github](#) | [Live](#)   Telegram UI Clone | [Github](#) | [Live](#)
FULLSTACK: Message Board Application | [Github](#)   **BACKEND:** URL Shortener Application | [Github](#)

CERTIFICATES & ACHIEVEMENTS

- [**Deloitte Job Simulation:**](#) Data Processing, Tableau Dashboard, Client Project Proposal Writing, Security Log Inspection
- [**Career Essentals in Generative AI by Microsoft & LinkedIn:**](#) Generative AI, applications, and ethics
- **400+** DSA Problems, **Top 1.3%** in Job-A-Thon 33 & **1636** rating on CodeChef