Dishanth Shetty

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EDUCATION

Canara Engineering College	Mangalore, India
Bachelor of Engineering in Computer Science (8.02 CGPA)	*Dec. 2021 – Present*
SDM PU College	Ujire, Karntaka
Pre-university course-PCMC (80%)	*Jun. 2019 – Aug. 2021*

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, C, SQL (MySQL)
Backend: Nodejs, Express, Django, MongoDB, REST
Frontend: ReactJs,React-Native, AngularJs, Bootstrap, Tailwind, HTML, CSS
Developer Tools: Git, Docker, VS Code, SAP BTP, Linux

PROJECTS

Edu-Connect | *ReactJS, NodeJS, ExpressJS, MongoDB*   *Jan. 2024 – Feb. 2024*

- Constructed EDU-CONNECT, a parent-teacher communication app, enhancing engagement with 100% attendance tracking and progress monitoring
- Engineered centralized information access and calendar integration, streamlining communication between parents and teachers
- Utilized ReactJS for the frontend, NodeJS for the backend, and MongoDB for efficient data storage, optimizing data retrieval speeds by 25%.
- Replaced traditional methods with a digital solution, increasing efficiency in handling parent permissions, announcements, and student updates

Chronic Disease Prediction | *Python, React*   *Nov. 2024 – Jan. 2025*

- The project predicts chronic diseases like diabetes, kidney disease, and cardiovascular disease using machine learning. It utilizes Random Forest and SVM algorithms to analyze patient data and generate predictions.
- The frontend is developed using React.js, ensuring a smooth and interactive user experience. Users can input their health-related parameters and receive disease predictions instantly.
- The system runs both Random Forest and SVM models to predict the likelihood of a disease. It displays the prediction results along with the accuracy scores of both models.
- The project processes health data efficiently to ensure accurate and fast predictions. Feature selection and preprocessing techniques are applied to improve model performance.

ACHIEVEMENTS AND EXPERIENCE

- **Primesophic Techonolgies**: Collaborated on a live project at Prime Sophic Technologies, contributing to core development and scalable architecture. Gained hands-on experience with agile workflows, live deployments, and startup product cycles in a dynamic environment.

- **Dregal I Pvt Ltd**: Completed a 2-week internship at Dregal I Pvt Ltd, where I developed hands-on experience with the ReactJS framework, focusing on building intuitive user interfaces and enhancing frontend development skills.

- **NodeJS/ExpressJS Session**: Led and conducted hands-on Node and ExpressJS session for 2nd year CSE students(crowd of150+) at Canara Engineering College.

- **Class Representative, Canara Engineering College, Mangalore, 2021-2024**: Represented a class of 60+ members, gaining comprehensive engineering education.

COURSES AND CERTIFICATES

- **Complete Web development bootcamp(Udemy)**: Completed a comprehensive Web Development Bootcamp (Udemy), gaining proficiency in web frameworks like ReactJS, ExpressJS, and databases including MongoDB and PostgreSQL.
- **DSA Basic HackerRank**: Achieved a DSA (Basic) Certificate from HackerRank, demonstrating proficiency in core data structures like arrays and strings, and essential algorithms such as sorting and searching.
ment skills encompassing HTML, CSS, and JavaScript.