

NEERA PATIL

Sector 26, Nigdi Pradhikaran, Pune 411044 | 8788980599 | neera.patil21@pccoepune.org

CAREER OBJECTIVE

Passionate and detail-oriented Computer Engineer with a strong background in data science seeking to leverage technical expertise and experience in developing innovative solutions. Committed to continuous learning and contributing to impactful projects in the field.

PERSONAL PROJECTS

HEART DISEASE PREDICTION SYSTEM

Developed a user-friendly web application leveraging machine learning algorithms to predict the likelihood of heart disease based on user inputted medical data.

Implemented data preprocessing techniques and predictive models to provide users with valuable insights into their cardiovascular health, delivering an impressive accuracy rate of 96%.

E-HEALTH CARD TECHNOLOGY

The Smart E-Card technology revolutionizes access to medical histories for students at PCCOE by utilizing QR code scanning. Each student receives a college ID card embedded with a QR code, providing immediate access to their securely stored medical records. In emergency situations, authorized staff can quickly retrieve critical medical data by scanning the QR code. Developed an intuitive web-based dashboard for easy access by students, healthcare providers, and authorized staff. Established a secure database to store and manage student medical records, including pre-existing medical issues, allergies, and emergency contacts.

HOSPITAL MANAGEMENT SYSTEM

Designed and implemented a comprehensive web-based platform using HTML, CSS, and JavaScript, integrated with a JDBC database. Developed a comprehensive Hospital Management System (HMS) software solution to streamline and automate administrative, operational, and clinical processes within healthcare facilities. This project optimized resources and enhanced patient outcomes through efficient management of hospital operations.

TECHNICAL SKILLS

- Programming Languages: Python, R, C, C++
- Data Analysis Tools: Pandas, NumPy, SciPy, Power-Bi, MS Excel
- Machine Learning Libraries: Scikit-learn, TensorFlow
- Database Management: SQL, MongoDB, Oracle
- Web Development: HTML, CSS, Bootstrap

SOFT SKILLS

- Teamwork, multitasking, and attention to detail
- Good Communication and Problem Solving skills
- Creative Thinking
- Adaptability
- Leadership and Conflict Resolution

ACHIEVEMENTS AND CERTIFICATIONS

- Attained 4 stars in HackerRank Problem Solving, Python and C languages
- Zscaler zero trust cloud security virtual internship, AICTE EduSkills Internship certificate

EDUCATION

B-Tech Computer Engineering

Pimpri Chinchwad College Of Engineering, Pune

7.92 CGPA

HSC

Jain International School Aurangabad, Aurangabad

94.2%

SSC

Tender Care Home School, Aurangabad

94.2%

EXTRACURRICULAR ACTIVITIES

- Basketball (State level)
- Drawing (Intermediate: A grade)
- Classical dancing - Kathak (Madhyama Pourn)
- Classical Singing (Praveshika Pratham)

LANGUAGES

- English
- Hindi
- Marathi (Native)
- German (A1)

</COMPUTER ENGINEER>