

UMESH KUMAR DAS

SUMMARY

A pre final year Computer Science Graduate with major projects on JAVA, Android and Full Stack Development. Curious problem solver with interests in new technologies and inventions. Collaborative, open-minded and quick-learner.

EDUCATION

B. Tech (CSE) ITER S 'O' A University Bhubaneswar 9.41 CGPA (till 4 th semester).	2021-2025
12 th CBSE-PCMB Jawahar Navodaya Vidyalaya Baleswar 83.4%	2021
10 th CBSE Jawahar Navodaya Vidyalaya Baleswar 94.4%	2019

PROJECT

CARDIOVASCULAR DISEASE PREDICTION (12/2023 - 01/2024)

- Developed a Deep Neural Network based prediction model trained over IBM cardiovascular disease dataset.
- Analyzed the dataset and processed it to be trained on the DNN. Fed the data into DNN and a regression model to compare the accuracy of both the models to compute the probability of being suffer from a cardio vascular disease in future.
- Tech – Python, Pandas, Tensor-Flow.

SPORTIN (08/2023 - 09/2023)

- Developed a sports event management and social relations platform for fans, sportsmen and organizers.
- This webapp aims to solve the problem of enhancing local sports culture and event management to boost the local sports industry.
- Tech – React.JS, Next.JS, MongoDB, Node.JS

VLOGGER (05/2023 - 06/2023)

- Designed and developed a blogging app to keep track of the travel details to encourage tourism.
- The objectives of this web-based platform includes maintaining a social travel diary with blogging, geo-tagging and content sharing.
- Tech – MERN Stack, Figma

UCHAT (05/2022 - 06/2022)

- Implemented a real time chat application for instant text messaging with end-to-end encryption and user authentication.
- Understood the project lifecycle and workflow
- Tech – Android, Kotlin, Firebase, XML

TECHNICAL SKILLS

- Programming Language:** Java, Python, C/C++, JavaScript, etc.
- Technologies / Frameworks:** TensorFlow, HTML, CSS, React.js, Next.js, Redux Toolkit, Node.js, Express.js, Mongoose.js, WebRTC, XML, etc.
- Databases:** SQL, MongoDB
- Tools:** VS Code, Android Studio, Google Collab, Git & GitHub, Copilot, ChatGPT
- Core Subjects Familiarity:** Object-oriented design and Data Structures, Design of algorithm and analysis, Computer organization and Architecture, Computer Networks-TCP/IP and OSI Model, Cryptography and network security, AI and ML

AWARDS AND ACHIEVEMENTS

- HackerWar-4.0:** Finalist at the college level hackathon and among the top 5 teams
- Code4Odisha:** Finalist at the state level hackathon and among the top 10 teams
- Debug Battle:** Runners up at the debug battle and among the top 5 teams
- Leet-Code:** Earned the monthly 30days coding batch for the month of August
- Coding-Ninjas:** Rank-Ninja Dominator, level - 7, stats - college topper-(December)

SEMINARS AND CERTIFICATIONS

- Cybersecurity:** Completed the Google Cybersecurity professional course from Coursera.
- Data Science:** Accomplished the IBM Data Science course gaining experience on data analytics and data preprocessing and Explanatory Data analysis.
- Applied Machine Learning:** Attended a weeklong workshop on ML model designing, training and testing.
- Generative AI:** Attended a course on Introduction to Generative AI and LLM and gained knowledge on LLMs.

EXTRA CURRICULAR ACTIVITIES

- Hack-Tober-Fest:** Successfully participated and completed the event by contributing in more than 10 repositories
- Google Cloud Facilitator Program:** Active participant and among the silver league
- Google Dev-Fest:** Participated in the interactive fest organized by google.
- Tech-Fests:** Participated in different Tech-Fests, NIRMANN (SIT, BBSR), INNOVISION (NIT RKL), etc.