Prashant Mishra

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ACADEMIC DETAILS

Examination	Institute/School	University/Board	Passing Year	GPA / %
B.Tech(CSE):	Graphic Era Hill University,Dehradun	Graphic Era Hill University	2025	7.21
10+2:	Apollo Public School,Patiala	CBSE	2021	83.6%
10 :	Army Public School,Patiala	CBSE	2019	86.5%

INTERNSHIP

- **Full Stack Developer Intern** - Integrated Maritime Exchange *(Dec 2024 –Jan 2025)*
  - **Technology and Frameworks**: HTML, CSS, JavaScript, MySQL, and cPanle.
  - **Role**: Designed and implemented the user interface (UI) for the Voyager Estimator, ensuring a user-friendly and responsive design. Developed the logic for cost and resource calculations, allowing accurate estimations for logistics and supply chain management.
  - **Experience Gained**: Strengthened UI design skills, gained experience in developing calculation-driven features, and improved collaboration skills through the work with cross-functional teams.
- **Full Stack Developer Intern** - Technology Business Incubator *(July 2024 – Oct 2024)*
  - **Technology and Frameworks**: ReactJs, NodeJs, HTML, CSS, JavaScript, SQL, MongoDB, and Git.
  - **Role**: Developed a task manager application with CRUD operations using MongoDB to effectively manage tasks.
  - **Experience Gained**: Gained hands-on experience in full-stack development and improved proficiency in building scalable web solutions.
  - **Certification**: View Certification

TECHNICAL SKILLS

- **Programming Languages**: Python, Java, C++, JavaScript, MySQL, PHP, C,
- **Frameworks and Tools**: RESTfulAPIs, Jenkins (CI/CD), ReactJS, ExpressJS, NodeJS, MongoDB, Ubuntu, Windows, MATLAB, Bootstrap, **Google Cloud Computing**
- **Knowledge**: Data Structures & Algorithms, Machine Learning, Cybersecurity, Git and GitHub, cPanel, Quantitative Aptitude

PROJECTS

- **Image Feature Extraction** *(Present)*
  - **Language**: Python, Pandas, SKlearn, NumPy, OS, Shutil,PYTesseract
  - **Objective**: Extracts text from images using OCR and applies machine learning for entity recognition.
  - **Key Features**: Downloads images from URLs and processes them using OCR.
  - Trains a RandomForestRegressor to predict entity values.
  - Exports predictions as a formatted CSV for analysis.
- **AI-Powered Information Retrieval Agent** *(Nov'24)*
  - **Language/ Technology:** Python, Streamlit, Pandas, OpenAI GPT, Google Sheets API, ScraperAPI.
  - **Objective:** Built an AI-driven tool to automate web data extraction using user-defined data sets.
  - **Key Features:** Enabled CSV/Google Sheets integration for structured data input.
  - Leveraged OpenAI GPT for entity-based queries and web search processing.
  - Used ScraperAPI for real-time data retrieval with error handling.
  - Designed an interactive Streamlit dashboard for ease of use.

- **Multilingual Audio-to-Text and Translation Tool** *(Oct'24)*
  - **Language**: Python, PyTorch, Pydub, FFmpeg, Googletrans API
  - **Objective**: Developed a tool to transcribe audio files and translate text to user-defined languages using NLP.
  - **NLP Features**: Implemented Speech-to-Text (ASR) with the Whisper model for multilingual transcription, automatic language detection, and neural machine translation (NMT) through Google Translate.
  - **Key Accomplishments**: Enhanced model precision in language detection and translation quality, leveraging deep **NLP** to handle semantic nuances and context in various languages.
- **Stock Price Prediction Model** *(May'24-Jul'24)*
  - **Language**: Python, Pandas, SKlearn, NumPy, Keras, Matplotlib
  - **Objective**: Forecasted stock prices using time series data and LSTM neural networks.
  - **Achievement**:Achieved a prediction accuracy of 82.75% (training) and 80.65% (testing).

CERTIFICATIONS

- **GOOGLE CLOUD COMPUTING FOUNDATION** View
- **GOOGLE CYBERSECURITY** View