

Devesh Kumar Pandey

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EDUCATION

Indian Institute of Technology (IIT) Patna
(B.S. in Mathematics and Computing. **CGPA: 8.2/10**)

Patna, India
Nov 2021 - May 2025 (Expected)

Jawahar Navodaya Vidyalaya, Kushi Nagar
(Senior Secondary School Certificate. **Percentage: 95.4%**)

Uttar Pradesh, India
April 2019 - March 2020

PROJECTS

SnapText

[Source Code](#)

OCR Web Application | React.js, Tesseract.js, Express.js, Node.js, Tailwind CSS

[Live Link](#)

- Created a web application to extract text from images using Optical Character Recognition (OCR) technology.
- Integrated Tesseract.js to extract text from images with an accuracy of **90%**.
- Enhanced readability by **50%** using the Gemini API for text enhancement.
- Introduced CSV export functionality that enabled users to share and download extracted text easily.

Stock Price Prediction (Time Series)

[Colab Link](#)

Financial Analytics Project | Python, AlphaVantage API, ARIMA, Matplotlib, Pandas

Feb 2024 - Feb 2024

- Boosted prediction accuracy by **20%** by using past 100 days data for training the model using AlphaVantage API.
- Trained an **ARIMA** model to predict future stock prices, achieving a strong R-squared score of 0.83.
- Visualized stock price trends using **Matplotlib** to identify patterns and make informed decisions.

ShoesShop

[Source Code](#)

E-commerce Project | React, JavaScript, HTML, CSS

[Live Link](#)

- Developed frontend for an e-commerce website using React and JavaScript.
- Implemented features like adding to cart, searching products, and **filtering** products by category, colour and price.
- Improved user experience by decreasing load time by **30%** using local storage to store user's cart data.
- Designed a responsive UI using **CSS** to ensure compatibility across all devices.

Meetcode

[Source Code](#)

Collaborative Coding Environment | Node.js, Express, React

May 2023 - June 2023

- Built a web application similar to LeetCode using React and Node.js.
- Enhanced a collaborative coding environment using a **Node.js** API built with Express.
- Implemented user authentication and authorization using JWT tokens.

ACHIEVEMENTS

Codeforces: Attained a max rating of **1519**. (Profile: [devesh_dkp](#))

Codechef: Max rating of **1720**. (Profile: [devesh_dkp](#))

Codechef Starters: Ranked **47** (13th Dec 2023) and **353** (5th July 2023) among 10,000+ participants.

JEE Advanced 2021: Achieved an All India Rank of **4762** among 250,000 candidates selected through JEE Main.

JEE Main 2021: Secured **99.66** percentile out of 1 million candidates.

Leetcode: Solved around **1000+** DSA problems across all coding platforms.

Facebook Hacker Cup: Qualified for Round 2 of Facebook Hacker Cup 2023. (Certificate: [devesh_dkp](#))

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, SQL, HTML, CSS, TypeScript, R

Technologies: React.js, Node.js, Express.js, MongoDB, Git, GitHub

Tools: Jupyter Notebook, Google Colab, Bash Scripting, Linux, MatLab

Concepts: Algorithms, Data Structures, OOPs, DBMS, Data Science, Digital Systems

EXPERIENCE

Google Cloud Career Practitioner Campaign 2022 (GDSC IIT Patna): Completed the course.

Mentor at MentorMatch (March-July'22): Solved doubts of 50+ students on mathematics-related problems.

Managed Network Expert at Chegg (Nov '23 -), Authored solutions related to Computer Science topics.