# Divyanshu Vats

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## SKILLS

- **Programming Skills**:      Python, Java, C, C++, JavaScript, PHP
- **Tools and Libraries:**     ReactJS, NodeJS, ExpressJS, MongoDB, MySQL, Bootstrap, Tailwind, GitHub
- **Soft Skills**:      Problem-Solving, Team player, Quick learner, Adaptability

## PROJECTS

**ClassAid | Github**                                          April, 2025
- Built a full-stack app to log and track infrastructure issues across blocks, floors, rooms, and objects
- Implemented role-based access (Admin, Worker, Student, Guest) with session-based auth
- Enabled real-time complaint status updates and object-level history with filtering
- Structured nested data in MongoDB for efficient hierarchy and complaint tracking

**Tech**: HTML, CSS, JavaScript, ReactJs, NodeJs, MongoDB

**Expenz | Github**                                            November, 2024
- Developed an intuitive expense tracking website to efficiently manage income and expenditures
- Implemented interactive graphs and charts for enhanced data visualization and financial insights
- Enabled users to create customizable categories for better organization of expenses and income
- Integrated user authentication and secure session management to protect financial data and personalize user experience

**Tech**: HTML, CSS, JavaScript, ReactJs, NodeJs, MongoDB, TailwindCS

**YouTub | Github**                                            April, 2024
- Engineered an engaging interface mirroring the YouTube website for a seamless user experience
- Crafted an ad-free video feed to ensure uninterrupted content browsing
- Integrated the YouTube API to dynamically retrieve and showcase video contents
- Implemented responsive design to ensure optimal viewing across devices and screen sizes

**Tech**: HTML, CSS, JavaScript, ReactJS, NodeJS

## SUMMER TRAINING

**Complete Interview Preparation | GeeksForGeeks**             June - July, 2024
- Learned essential DSA, system design, and core CS concepts tailored for coding interviews
- Practiced a wide range of coding problems with step-by-step explanations and solutions
- Gained insights into technical and behavioral interview strategies, including resume building and mock interviews
- Developed a Sudoko Solver as a Project using the DSA skills learned in the course

## EXTRACURRICULAR

**Smart India Hackathon | LPU**                                August, 2024
- Built an intuitive platform for farmers to list and showcase their products with images
- Differentiated accounts of farmers and consumers providing them different functionality
- Facilitated direct transactions between farmers and consumers for a seamless purchasing experience

**Tech**: HTML, CSS, JavaScript, ReactJs, NodeJs, MongoDB

**IOT Devices | LPU**                                          March, 2023
- Designed an automated highway lighting system for efficient energy usage
- Implemented Arduino to control and manage the lighting mechanism
- Integrated motion sensors and counters to activate lights based on vehicle movement

**Tech**: C, Ardiuno

## CERTIFICATES

- Cloud Computing | NPTEL                                      October 2024
- Server side JavaScript with Node.js | Coursera               May, 2024
- HTML, CSS, and Javascript for Web Developers | Coursera      May, 2024

## ACHIEVEMENTS

- **One among Dean's top 10% students at University**:         September, 2024
  For good academic performance and extra-curricular activities at University

## EDUCATION

- **Lovely Professional University**                           Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.16***          *Since August 2022*

- **St Theresa's Convent School**                             Karnal, Haryana
  *Intermediate; **Percentage: 90.4%***          *April 2021 - March 2022*

- **Delhi Public School**                                    Karnal, Haryana
  *Matriculation; **Percentage: 93.3%***          *April 2019 - March 2020*