

# ADARSH KUMAR

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Patna, Bihar - 800002, India

## OBJECTIVE

Aspiring software engineer with a solid foundation in computer science and engineering, eager to leverage my programming, web development, and problem-solving skills to contribute to impactful projects. Looking for an opportunity to gain hands-on experience in a dynamic and collaborative environment, with a focus on continuous learning and growth under the mentorship of industry professionals.

## EDUCATION

- Bapuji Institute of Engineering and Technology** 2022 - 2026  
B.E in Computer Science and Engineering  
◦ CGPA: 7.8/10.0  
Davangere, Karnataka, India
- PatliPutra Central School** May 2020  
Pre-University Education  
◦ Grade: 66.2%  
Patna, Bihar, India
- BD Public School** April 2018  
Secondary Education  
◦ Grade: 75%  
Patna, Bihar, India

## SKILLS

- Programming Languages:** Python, C, Java, C++
- Web Technologies:** HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, Multer, WebRTC, Tailwind CSS
- Database Systems:** MongoDB, MySQL
- Data Science & Machine Learning:** Chart.js, NumPy, Pandas, Matplotlib, scikit-learn, TensorFlow
- Cloud Technologies:** AWS, Glitch, Heroku, Vercel
- Version Control:** Git/GitHub
- Specialized Area:** Task automation using shell scripting
- Other Tools & Technologies:** Arduino Coding, Linux distributions, Figma, Bootstrap

## EXPERIENCE

- Hackazure 2024** July 2024  
2nd Prize Winner  
Davangere, India  
◦ Developed a web application aimed at reducing food waste while supporting those in need.  
◦ Secured the second Place while aiming for the first.  
◦ Utilized ReactJS for the front end and MongoDB for database management.
- Bitsandbytes 2024** February 2024  
4th Rank among 200 teams  
Davangere, India  
◦ Cleared the MCQ round and was selected among the top 20 teams.  
◦ Debugged C language code in the second round.  
◦ Achieved 4th place in the final round.
- Smart India Hackathon 2023** December 2023  
Finalist  
Noida, India  
◦ Developed an AI model capable of detecting phishing websites.  
◦ Created a winning presentation showcasing our solution.  
◦ Presented the solution in front of the judges.
- CMTI Design Thinking 2022** December 2022  
Participant  
Bangalore, India  
◦ Designed a pair of shoes to assist visually impaired individuals in walking more easily.  
◦ Developed the blueprint for the shoes.  
◦ Collaborated and exchanged ideas with other participants.

## PROJECTS

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- **Raven: Botnet Command Execution**

August 2024

Tools: ReactJS, Socket.io, Python, NodeJS, Multer, Express



- Developed for Windows systems, with remote control capabilities.
- Implemented Socket.io in Python code to enable live feeds.
- Created a ReactJS-based admin panel to control the bots.

- **Diary: Secured with JWT**

April 2024

Tools: ReactJS, JWT, NodeJS, Multer, Express, Bcrypt, MongoDB



- Developed for personal use with a login system.
- Used JWT for secure data access and transfer.
- Entries are stored in a MongoDB database server.

- **Spam or NotSpam: AI Tool to Detect Spam SMS**

September 2024

Tools: Python, NumPy, Pandas, Streamlit, Pickle, scikit-learn



- Gained foundational knowledge through this project.
- Used Streamlit to host the ML model.
- Experimented with various machine learning models during development.

## LEADERSHIP EXPERIENCE

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- **Led a Team Project in Arduino Workshop**

June 2023

Bapuji Institute of Engineering and Technology

- Made the designs and blueprint of the project
- Developed the arduino code
- Assigned tasks to suitable members in the team of three

- **Led a team to complete the project assigned to us by college.**

September 2024

Bapuji Institute of Engineering and Technology

- Made the designs on Figma for Employee productivity system,
- Coordinated with the guide to align with their perspective.
- Assigned tasks to suitable members in the team of three

## ADDITIONAL INFORMATION

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**Languages:** Hindi (Mother Tongue), English (Fluent)

**Interests:** Anime, Traveling, Music, Shopping