

Harsha Vardhan

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IIT Bhubaneswar

Electronics and Communication Engineering

Second-Year Undergraduate



Education

Year	Degree/Examination	Institute	%/CGPA
2021-Present	4-Year Bachelor of Technology (ECE)	Indian Institute of Technology Bhubaneswar	7.97/10
2021	Std. XII (ISC)	Loyola School, Bhubaneswar	95%
2019	Std. X (ICSE)	Loyola School, Bhubaneswar	96%

Projects

Hostel Management Portal

- Web-based solution for filing complaints pertaining to hostel issues. Option to file public complaints which can be up-voted for better reach and attention from the administration.
- Admin side has 3 features, 'Accept', 'Reject' or 'Escalate' the complaint to higher authorities.
- The website (<https://hmp.webnd iitbbs.org/index.php>) will be deployed for all 5 hostels (2500+ residents approx) at IIT Bhubaneswar.
- Technologies used (4): HTML5, Bootstrap, PHP and MySQL.

Smart Naka

- It can fetch the information about a queried vehicle in real-time in the central database of stolen vehicles of the government and verify whether that vehicle is stolen or not.
- The app also allows users to manually input vehicle details for searching. Two options are available for this: Searching by Registration Number and Advanced Search. Save or share a PDF containing full details of the stolen vehicle fetched by API.
- Real Time Camera Scan: Pointing the camera towards a vehicle number will instantly recognise the number from the camera feed (without even clicking a photo) and will tell whether it is stolen or not. Still working on this feature.
- Technologies used (3): React Native, TypeScript and Figma. Project [link](#).

Scholastic Achievements

- 3rd position in CodeRelay Hackathon: My team of 3 members was required to build a web-based solution to a Complaint Management Portal.
- Our team was selected as one of the top 25 finalists out of over 1000+ participants from across India in the Ethos Hackathon, organized by IIT Guwahati.
- Secured All India Rank of 3,348 among 1.25+ lakhs candidates in Joint Entrance Examination (JEE Advance) 2021.
- Certificate of appreciation for qualifying for National Talent Search Examination (NTSE 2018-19).
- Received Principal's Award for Significant Advancement in Studies and Notable Service (Loyola School, the Year 2019).

Key Skills

Programming Languages: C, C++, JavaScript, TypeScript, PHP.

Tools: Git and Github, Google Cloud Platform.

Framework: React.js, React Native, Node.js.

Others: Figma, MySQL.

Competitive Programming: CodeChef Account: <https://www.codechef.com/users/hv789> (Max Rating: 1729).

Soft Skills: Strong leadership, Communication, Adaptability skills, Analytical Skills, Teamwork, and Positive Attitude.

Relevant Courses

- React-The Complete Guide on Udemy.
- React Native-The Practical Guide on Udemy.
- Linux Mastery: Master the Linux Command Line on Udemy.
- Node.js, Express, MongoDB: The Complete Bootcamp 2023 on Udemy(ongoing).
- Cloud Engineer Learning Path on Google Cloud Skills Boost.

Positions of Responsibility

Neuromancers (Programming Society), IIT Bhubaneswar

(April 2022 - Present)

Core Team Member

- Responsible for coordinating and conducting various coding-related contests and events on campus. Building software solutions for tackling various issues.

Web and Design Society, IIT Bhubaneswar

(September 2022 - Present)

Core Team Member

- Responsible for coordinating and conducting various web-development-related competitions and events on campus. Building websites for various use cases.

Robotics and Intelligent System Club, IIT Bhubaneswar

(July 2022 - Present)

Web Developer

- Responsible for building and maintaining the society's website.

Wissenaire (Techno - Management Fest), IIT Bhubaneswar

(April 2022 - Present)

Core Team Member, Web and Design Team

- Responsible for building and maintaining the fest's website.

Extra-Curricular Activities

- Participated in National Institute of Science Education and Research (NISER) Open Day in the year 2018.
- Participated in Xavier Code and Circuit Camp organised by the School of Computer Science and Engineering (Xavier University, Bhubaneswar, Year-2019).
- Participated in Telescope Making Workshop and Quiz Competition by Samanta Chandrashekhara Amateur Astronomers' Association at the Institute of Physics (IOP), Bhubaneswar in the year 2018.

Personal Details

- DOB: 04/04/2003
- Gender: Male
- State of Domicile: Odisha, India
- Language Proficiency: English, Hindi, Oriya
- Hobbies: Philately and Travelling