

# Hari Sai Harish

US Citizen | +1 (765) 772-8560 | harisaiharish@gmail.com | hariharish.netlify.app | linkedin.com/in/hari-harish

## EDUCATION

---

<b>Purdue University (Dean's List and Semester Honors)</b> <i>B.S. in Computer Science and Data Science, Minor in Economics</i> – Data Structures, OOP, Calculus, Linear Algebra, Big Data, Statistics (GPA: 3.89)	West Lafayette, IN Aug 2024 – May 2027
--	---

## EXPERIENCE

---

<b>Backend Engineer</b> <i>Concrete Engine: Express.js, MongoDB, GCP, Docker</i> – Project part of the Corporate Partnerships cohort of Purdue's DataMine Learning community. – Building a distributed supercomputer, further details are subject to an NDA.	Aug 2024 – Present West Lafayette, Indiana
<b>Software Engineer Intern</b> <i>Tarnea Technological Solutions Ltd.: OpenCV, Dlib, Flask, NumPy, Deep Learning Models</i> – Built a real-time engagement tracker that detects and analyzes customer interactions with advertisements. – Designed algorithms to track and categorize faces, eyes, interaction times, and customer demographics.	Jun 2024 – Jul 2024 Bengaluru, India
<b>Software Developer Intern</b> <i>SmartAxiom Inc.: TypeScript, Angular.js, Next.js, MongoDB</i> – Developed a live tracker to collect vital data from heat sensors and GPS monitors on shipments. – Implemented a parametric filter to display this data, and enhance their website's front-end functionality.	Jun 2023 – Sep 2023 Remote

## PROJECTS

---

<b>ML Hackathon Leaderboard</b>   <i>Nest.js, Python, Hugging Face models</i> – Project undertaken through ML@Purdue, a selective club focused on advancing ML technologies. – Constructed a next.js backend to handle data processing through API integrations. – Incorporated HuggingFace scoring models, to track and rank hackathon submissions in real-time.	Aug 2024 – Present
<b>ShortestRoot</b>   <i>React.js, Google Maps API, SQLite</i> – Led the creation of this platform to streamline fair and efficient meet-up planning in foreign/busy cities. – Devised innovative triangulation algorithms to calculate optimal urban-transit routes based on real-time traffic.	Jan 2024
<b>Contactopus</b>   <i>Android, Dart, Flutter, QR Codes</i> – Launched an Android application to streamline networking/communication in public gatherings. – Integrated QR Code functionality for seamless mass sharing of customizable contact cards.	Feb 2023 – Jul 2023
<b>Finance NLP</b>   <i>Logistic Regression (BoW), LSTM, Neural Networks, Transformers</i> – Trained LLMs with real datasets and experimented with multiple models to maximize performance and precision. – Final model uses sentiment analysis to predict stock trends based on celebrity tweets, with 97% accuracy.	Jan 2023 – Mar 2023

## RESEARCH EXPERIENCE

---

<b>Research Paper about Online Privacy and Safety for Young Adults</b> <i>YRSI (Young Researchers for Social Impact) cohort of YLAC (Young Leaders for Active Citizenship)</i> – Spearheaded extensive research on Indian Cybersecurity laws and teenage internet exploratory patterns. – Compiled a list of threats during user interactions, and formulated potential solutions to India's Data Privacy Law. – Paper published internally for the Internet Freedom Foundation (IFF).	Jul 2022 – Aug 2022 Remote
--	-------------------------------

## ACCOLADES

---

**Oakridge Codefest 2024:** 1st place in India's largest overnight hackathon (trophy + 30,000 INR cash prize).  
**TisbHacks 2023 National Hackathon:** 1st place in Competitive Coding (gold medal + 5,000 INR cash prize).  
**iCode Global Hackathon 2023:** Ranked 38th out of 2.15 million participants (gold medal).

## SKILLS SUMMARY

---

**Languages:** Java, Python, JavaScript, TypeScript, C/C++, Dart  
**Frameworks:** React, Node.js, Next.js, Angular.js, Express.js, Flask, MongoDB, SQL  
**Libraries:** Pandas, NumPy, Matplotlib, PyTorch, TensorFlow, Keras, OpenCV