

# DEVA HARSHA SAI NANGUNURI

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## SUMMARY

Aspiring Software Engineer pursuing B. Tech in CSE(AI&ML). I aim to leverage my technical skills and leadership abilities to drive user-centered projects. My experience spans developing machine learning models for healthcare, educational applications enhanced with RPA and React.js. I'm committed to continuous learning, with regular practice competitive coding with DSA and achieved milestones of 3\* rating on Code Chef, 1700+ rating on LeetCode and scored 583 on CoCubes employability test.

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## EDUCATION

- **Bachelor of Technology** - CSE (AI&ML) | ACE Engineering College | Expected graduation 2025.
  - **Intermediate** - Mathematics, Physics and Chemistry | Sri Medha V Junior College | 2019 - 2021.
  - **10<sup>th</sup> Standard** - SSC | Sri Chaitanya High School | 2018 - 2019.
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## PROJECTS

- **Comorbid Systematic Health Analyzer** – Created a Machine Learning framework which indicates the risk of diabetes and related diseases without the need of health reports using ensemble model with 90% Accuracy and detailed risk assessment percentage. (December 2024)
  - **Smart Learning Advisor** – Created a Machine Learning, RPA and React.js based framework to suggest best learning strategy to students using Ensemble model, 95% Accuracy. (June 2024)
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## SKILLS

- **Machine Learning** – Numpy, Pandas, Scikit Learn, Tensorflow, Keras and Seaborn.
  - **Programming Languages** – Java and Python.
  - **Web Development** - HTML, CSS, Bootstrap, StreamLit and React.js.
  - **Tools** – Hacker Rank, Tableau, Trello, Jenkins, Docker, Jupyter, Wix Studio and Git.
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## CERTIFICATIONS

- **Data Science Course Certificate** - Telangana Construction Workers Welfare Board
  - **Robotic Process Automation** – UI Path | Infosys Finishing School.
  - **Python Certification** – Cisco Networking Academy
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## INTERNSHIPS

- **Machine Learning Internship** – YBI Foundation  
Contributed in identification of problem statements and developing feasible machine learning models to address various real-life problems like mileage and house-rent budgeting, understanding the product-oriented procedures for developing ML based applications in 4-week internship.
  - **Project Management Internship** – Excelerate | Saint Louis University  
Worked on Feasibility Study, Budget Proposal and Event Management Plan of “HackQuest” global hackathon by incorporating Agile Methodology with Trello and ensured smooth workflow among team-mates from various countries, resulting in stand-out recognition among 20+ teams.
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## ACHIEVEMENTS AND ACCOMPLISHMENTS

- Nominated as Secretary of McArti Technical Club, and actively contributing in various technical events and, Organized a Python Bootcamp, UI/UX Workshop and more with McArti Technical Club.
- Published a research paper on ensemble model I curated to detect diabetes and related diseases without the need of health reports.