

KARTHIK PENUGONDA

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◇ [GMail](#) ◇ [LinkedIn](#) ◇ [GitHub](#)

OBJECTIVE

I am a web developer with a solid understanding of data structures and algorithms. Experienced in building scalable web applications using frontend and backend languages and databases. Seeking to apply expertise in web development to drive innovation and efficiency in a collaborative team environment.

EDUCATION

Bachelor of Technology (Artificial Intelligence And Data Science) 2021 - present
S R K R Engineering College(A), Bhimavaram, Andhra Pradesh.
CGPA : 8.08

Higher Secondary 2019 - 2021
Aditya College, Palakol, West Godavari, Andhra Pradesh.
Percentage : 98.1

Secondary 2018 - 2019
Aditya School, Palakol, West Godavari, Andhra Pradesh.
GPA : 10

TECHNICAL SKILLS

Programming Languages C++, Java, Python, PHP
Web Technologies HTML, CSS, JavaScript, BootStrap, React JS, Node JS, Express JS, MongoDB, MySQL
Tools Git, Docker, Amazon Web Services

INTERNSHIPS

Amazon Web Services Intern at Blackbuck Engineering Pvt. Ltd July 2023 - Aug 2023

- Gained hands-on experience in networking, instances, cloud storage.
- Created a robust and scalable cloud-based architecture to establish secure and efficient communication between users from different regions, ensuring data privacy and accessibility.

Full stack web developer at IIDT - Blackbuck Engineering Pvt. Ltd June 2024 - Present

- Gained hands-on experience in frontend, backend using python and databases.
- Created a voting poll app to allow users to cast their vote to their favourable member in the elections.

PROJECTS

Shopify E-commerce application: Tools Used: MongoDB, Express.js, React.js, Node.js, Vite.js
Shopify is a full-stack e-commerce website with integrated payment functionality. The application includes robust user authentication with password hashing for secure access. Ensured seamless communication between frontend and backend for efficient data processing.

Building a connected cloud network in AWS : Created a robust and scalable cloud-based architecture utilizing Amazon IAM, Amazon EC2 instances, Amazon VPC and Amazon S3 to establish secure and efficient communication between users from different regions, ensuring data privacy and accessibility.

Real-time Chat Application : Tools Used: MongoDB, Express.js, React.js, Node.js, Socket.io
Developed a responsive and interactive chat platform where users can communicate instantly via user rooms. The project demonstrates the ability to create engaging user experiences in web applications.

CERTIFICATIONS

- **Full Stack Developer**
edX - May 2024
- **AWS Academy Cloud Foundations**
AWS Academy - Feb 2024