

Akash Ghosh

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Education

SRM University AP

Bachelor of Science in Computer Science

Expected July 2025

Amaravati, AP

- **Relevant Coursework:** Data Structures and Algorithms, Operating system, Machine learning

Experience

Smartbridge / Software Automation, Katalon studio, Jenkins [🔗 Link](#)

- Design and develop software tools and frameworks to improve the performance, throughput, and reporting of our automated testing
- Providing automated functional and integration tests as well as software tools for test automation (UI, server, and performance).
- Build and maintain positive client relationships through effective communication and customer service

Projects

PINWORK: A PINTERST CLONE MADE USING ANGULAR 2 | Angular 2, HTML, CSS [🔗 Link](#)

- Leveraged Angular 2 to build a dynamic and responsive UI, improving user engagement with real-time updates and smooth navigation.
- Employed Angular components, services, and directives to create a modular, maintainable, and scalable application.
- Implemented Angular reactive forms with built-in validation for efficient user input handling and robust data integrity.
- Designed a responsive and visually appealing UI using CSS and Angular styling capabilities, closely mimicking Pinterest's interface.

CHAINPAY: A BLOCKCHAIN MEDIUM FOR TRANSACTION USING CHAINLINK / React.js, Next.js [🔗 Link](#)

- Optimized the performance of ChainPay's front-end interface, resulting in a increase in transaction processing speed and efficiency.
- Led the front-end development of ChainPay, creating intuitive and user-friendly interfaces that **enhanced user experience**.
- Stayed updated with the latest blockchain and cryptocurrency trends, incorporating innovative features such as **decentralized finance (DeFi) options** into ChainPay's roadmap.

NETFLIX CLONE WITH ANGULAR.JS: DYNAMIC FRONTEND DEVELOPMENT / Angular.js, JavaScript, CSS [🔗 Link](#)

- Utilized AngularJS for building a **single-page application (SPA)** with a seamless user experience.
- Implemented **dynamic components** for movie listings, details, and user interaction using AngularJS directives and two-way data binding.
- Employed two-way data binding to **synchronize the UI** with the underlying data model, ensuring real-time updates and interactive features.
- Integrated with a mock **API to fetch movie data and user information**, simulating a real-world scenario of interacting with a backend service.

Technical Skills

Languages: C/C++, HTML, CSS, JavaScript, Python, SQL

Technologies: React.js, Express.js, Next.js, tailwind, Figma, Angular.js, Angular 2, MySQL, Linux, Docker, Kubernetes, Jenkins/GitHub Action, AWS (Amazon Web Services).

Concepts: Data Structures and Algorithms, Operating System, Artificial Intelligence, Machine Learning, Database management, Applied Data Science

Certificates & Training

Link

- **AWS Certified Machine Learning:** Data Engineering, Machine Learning, & (by Infosys Springboard).
- **Supervised ML:** regression and classification by Stanford University (Coursera).
- **Rakathon'22:** A hackathon conducted by Rakuten, our team managed to clear and reach the final round.
- **C-square hackathon:** A 24-hrs C++ STLs restricted hackathon, our Team Pexpo managed and was declared winner of this hackathon conducted by Hackathon club SRMAP.