EDUCATION	
Bachelor of in Science),	. CGPA: 9.50/10.0 Sept. 2022 - Presen
School	,
Higher Secondary Certificate (Mathematics, Physics, Chemistry), 92.8%	_
Experience	
Project Engineer	- Presen
Kalvium	Remote
• Developing enterprise-grade full-stack applications using state, js front implementing responsive UI components and secure RESTful API inte	grations for scalable financial web solutions
 Building cloud-native applications on AWS/GCP with containerized development cycles with focus on clean code practices, automated test 	
Software Analyst	_
	,
• Architected full-stack property management platform usingjs, real-time features and advanced search algorithms that improved user	engagement by 35%
 Developed machine learning recommendation system using Python and pipelines with risk assessment capabilities that enhanced matching account 	
Scientist & Backend Developer	_
Zidio Development	Remote
• Engineered end-to-end data science solutions using Python, pandas, ar risk assessment and deploying them via APIs with Docker contains.	
• Created interactive financial data visualizations using D3.js and Plotly based dashboards that reduced decision-making time by 40% for	
Computer Vision Research Scientist	_
National Chung Cheng University,	Remote
• Developed real-time computer vision applications using OpenCV, Tens detection and security monitoring systems with 92% accuracy through	
 Published research findings in international conferences, collaborating continuous integration, and agile methodologies for reproducible resear 	9 ,
Mobile Developer & Analyst	-
SRM Hospitals	,
• Built cross-platform mobile application using Flutter and Dart, integra secure patient data management systems compliant with healthcare re	
• Developed analytics dashboard using Python, SQL, and creat	ting automated reporting systems for

KEY TECHNICAL PROJECTS

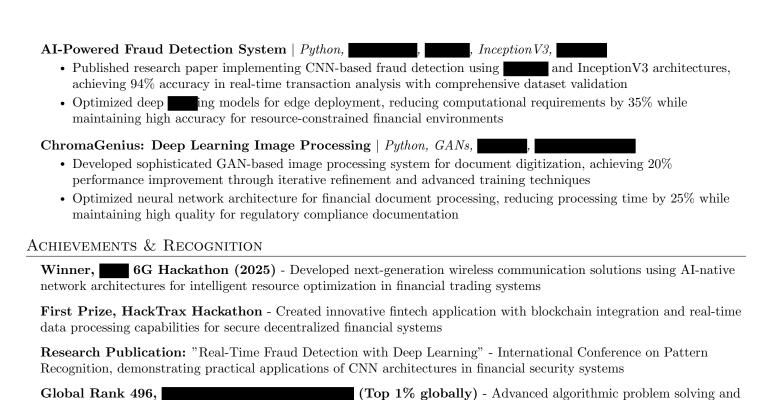
Blockchain-Secured PII Masking Platform | Ethereum, Solidity, Python, IPFS, Web3.js

financial and operational metrics that improved efficiency by 30% and reduced manual processing time

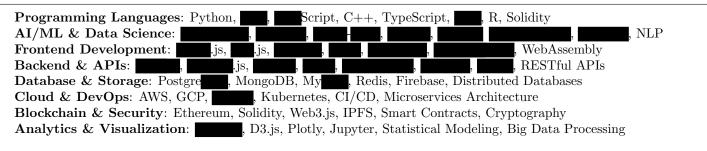
- Architected enterprise-grade document security system using blockchain technology and advanced cryptographic algorithms, achieving 99.99% data integrity with immutable audit trails for sensitive PII information
- Implemented smart contracts in Solidity for decentralized access control and automated compliance reporting, integrating with IPFS for distributed storage and reducing data breach risks by 85%

6G AI-Native Network Slice Orchestration System | Python, TensorFlow, 5G Core, Kubernetes, gRPC

- Pioneered next-generation 6G network architecture using AI-driven slice allocation algorithms, implementing reinforcement learning models that optimized network resource utilization by 45% for financial trading applications
- Built intelligent network orchestration platform using microservices architecture with Kubernetes, integrating with 5G Core networks through gRPC APIs and achieving sub-millisecond latency for high-frequency trading systems



TECHNICAL SKILLS



Top 2000 Global, Meta Hacker Cup - Demonstrated expertise in complex algorithm design, data structures, and

Certifications & Professional Development

optimization techniques for large-scale systems

competitive programming excellence in financial modeling and optimization

Google AI/ML AICTE Virtual Internship - Advanced Machine Learning, and practical AI implementation in financial applications with hands-on project experience

NPTEL Python for Data Science - Elite Grade (Top 2%) - Comprehensive training in Python programming, financial data analysis, visualization, and statistical modeling techniques

AWS Certified Developer Associate - Cloud computing, serverless architectures, containerization, and modern deployment strategies for scalable financial applications