PRABHAT SUMAN

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## **EDUCATION**

EDUCATION		
Coursework: Computer Network	<b>r Science</b> , <i>Indiana University Bloomington</i> k, Distributed Systems, Software Engineering, Applied Machine , Elements of Artificial Intelligence, Applied Algorithms	August 2022 - May 2024 e learning, CGPA: 3.81/4
Bachelor of Technology in Ele Honors: Awardee of the Best Sa	ctronics & Communication Engineering, <i>IIIT Ranchi</i> tudent Shield	August 2017 - May 2021 CGPA: 8.66/10.00
TECHNICAL SKILLS		
Programming Languages:	Python, JavaScript, Java, HTML, C, C++	
Web Development:	React JS, Node.js, Express.js, Angular, jQuery	
-	I: Firebase, MySQL, MongoDB, Oracle Server, NoSQL, Dyna	moDB, Git, Github, Jenkins
Technologies:	Kubernetes, Azure, JIRA, ELK, Docker, Powershell, Visual	
Certification:	Azure Administrator Associate, Azure Fundamentals	
Network Protocols:	TCP, TLS, UDP, Socket, SMTP, FTP, Telnet, HTTPS	
WORK EXPERIENCE		
Graduate Teaching Assistant,	Indiana University Bloomington 24), Engineering Cloud Computing (Fall 2023)	August 2023 - Present
	dents with complex distributed systems concepts and practical in	nplementations.
	WS and Google Cloud Platform, equipping students with practice of the students with practice of	
10% improvement in course		
· ·	ited Key-Value Store, TCP, UDP, Totally Ordered Multicast, Me	
	ultancy Services Ltd. Bangalore, India	July 2021 - July 2022
These enhancements boosted	<b>mobile application</b> that improved forward and backward lin performance, aiding the <b>reduction in app maintenance costs</b> b	y 10%.
• Received a Learning Achiev	chnical issues in collaboration with cross-functional teams, ensuement Award for demonstrating exceptional technical knowled	
	roject, resulting <b>5% increase</b> in app responsiveness. JavaScript, jQuery, HTML, iOS, AWS, CI/CD Pipeline Develo	nmont
		•
• Collaborated on an innovative image proctoring, achieving a	<i>Truminds Software Systems Pvt. Ltd. Bangalore, India</i> team project to create an online exam proctoring platform using n 80% reduction in cheating incidents and enhancing student sa models, achieving heightened accuracy and superior performan	atisfaction.
	sorFlow, Keras, OpenCV, Node.js, MongoDB, Python, Elasticse	
e	Truminds Software Systems Pvt. Ltd. Gurugram, India	April 2020 - June 2020
	gement Platform's <b>frontend</b> , streamlining HR processes for imp	1
	chnical issues, enhancing user experience and bolstering the relia	
	tgreSQL, ReactJS, Unit Testing, Docker, ELK, GIT, Jenkins.	
PROJECTS		
Interview Blogs - Google Analy	ytics, Azure, Node.js, React, Express, AivenDB.	February 2024 - Present
• Developed an interactive web	site for sharing and viewing <b>interview experiences</b> , featuring se	
nies into the search functional	ntegrating over 100 job roles, 1,000+ locations across the Unity, leveraging SQL and AivenDB for efficient data handling and	
	- Firebase, React.js, Node.js, Azure App Services, Postman.	February 2023 - April 2023
• Crafted a robust, user-friendl	Master of five developers to design and implement a delivery y website optimized for order management and real-time delivery and ling 100+ concurrent customer requests seamlessly.	
-	hon, TCP, UDP, ZeroMQ, Server, Client, Socket.	February 2023 - April 2023
	Reduce framework (Hadoop-inspired) with master and worker no	<i>v</i> 1
	f large datasets, achieving a <b>50% reduction</b> in data processing	
· · · ·	Sequential, Causal, Custom KV Store, Consistency Models.	March 2023 - April 2023
	s including Sequential, Eventual, Linearizability, and Causa	

- Designed consistency schemes including Sequential, Eventual, Linearizability, and Causal Consistency, demonstrating advanced understanding of data consistency in distributed systems.
- Achieved scalability and performance, preparing the system for large-scale data storage and retrieval demands.
- Predicting Loan Defaults Scikit-learn, Pandas, Tensorflow, Pytorch, Matplotlib, Seaborn.
- Spearheaded a team of 4 to develop a model identifying the credibility of a person to obtain a home loan.
- Attained an impressive AUC score of 0.7424 using the logistic regression model.