

# Paras Dhiman

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## SKILLS SUMMARY

- Languages:** C++, C Lang., Python, Java, JavaScript
- Frameworks:** HTML and CSS, Git, GitHub, Docker, Kubernetes, Ubuntu, Shell Scripting
- Tools/Platforms:** Microsoft Azure, AWS, Terraform, Jenkins
- Soft Skills:** Leadership, Problem-Solving Skills, Team Player, Communication, Project Management, Adaptability

## INTERNSHIP

**Skolar** May 2023-July 2023  
**Full Stack Web Developer Intern**

- Designed and developed high-performance website replicas (Paytm, PhonePe, Superprof) using **HTML, CSS, JavaScript, Node.js, and AngularJS**, improving page load speed by **30%**.*
- Implemented interactive **UI components**, enhancing user engagement by **25%** across various platforms.*
- Integrated **AWS DynamoDB**, reducing query latency by **40%**, optimizing database operations.*

## PROJECTS

### Hotel Booking Chatbot – AWS-Powered Conversational AI:

**Technologies Used:** Amazon Lex, AWS S3, Amazon Bedrock, Lambda, DynamoDB, AWS Lambda, serverless architecture, and fault tolerance.

- Developed an AI-powered chatbot** for seamless hotel booking using **Amazon Lex**, handling real-time user interactions.
- Integrated Amazon Bedrock** for advanced AI capabilities, enhancing **natural language understanding (NLU)** and user experience.
- Stored and managed structured booking data** using **AWS S3 and DynamoDB**, ensuring high availability and fault tolerance.
- Implemented AWS Lambda** to automate backend workflows, improving **response time by 40%** and reducing server costs.
- Designed a **scalable and serverless architecture**, capable of handling **thousands of user queries with minimal latency**.

### Cloud Based Online Blood Banking System

**Technologies Used:** Microsoft Azure, Azure Functions, OAuth 2.0, SQL Database

- Engineered a real-time blood donor tracking system** using **Microsoft Azure**, optimizing response times and reducing **donor wait time by 40%**.
- Implemented a serverless architecture** with **Azure Functions**, enhancing **system scalability** while reducing **operational costs by 30%**.
- Developed a secure authentication system** with **OAuth 2.0**, ensuring data privacy and preventing **unauthorized access**.
- Optimized database queries** and improved system response time, handling **thousands of concurrent requests efficiently**.

## ACHIEVEMENTS

- Reached a milestone of 120+ hours of contribution in NSS:** December 2024  
Completed **120+ hours** of community service, contributing to social welfare initiatives and leadership activities.
- Reached Final Round at Smart India Hackathon(SIH):** November 2024  
Successfully advanced to the **final round**, demonstrating problem-solving and innovation skills in a national-level competition.
- 4<sup>th</sup> Position in Tech-A-Thon:** March 2024  
Secured 4th position in a competitive hackathon, showcasing technical proficiency, problem-solving, and innovative solution development.

## CERTIFICATIONS

- 120+ hours in National Service Scheme(NSS) December 2024
- AWS Certification November 2024
- Elite Certification of IoT at NPTEL October 2024

## EDUCATION

- Lovely Professional University** Phagwara, Punjab  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 6.6* Since August 2022  
**Favorite Courses:** Object Oriented Programming, Data Structures, Analysis Of Algorithms, Microsoft Azure, AWS
- Delhi Public School** Haridwar, Uttarakhand  
*Intermediate; Percentage: 72.4%* April 2020 - March 2022  
**Favorite Courses:** Physics, Chemistry, Mathematics, Computer Science
- Delhi Public School** Haridwar, Uttarakhand  
*Matriculation; Percentage: 84.4%* April 2018 - March 2020