

# SUMUKH PRASHANT BHAT

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**Date of birth:** 02/04/1999 | **Phone number:** (+49) 17623930414 (Home) | **Email address:** [sbhat893@gmail.com](mailto:sbhat893@gmail.com) |

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## ● ABOUT ME

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Experienced C++ and Python developer with strong proficiency in object-oriented programming and scripting. Adept at working in Linux environments and following modern software development practices. Also passionate about the field of Artificial Intelligence and actively exploring AI concepts and tools.

## ● WORK EXPERIENCE

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 **NETAPP (PAYROLL: TATA CONSULTANCY SERVICES) – BANGLORE, INDIA**

**SYSTEMS ENGINEER – 01/01/2021 – 06/09/2024**

- Worked on Storage and Security related areas of operating system NetApp ONTAP.
- Designed and implemented complex solutions with custom data structures, algorithms and advanced C++ concepts such as Smart pointers, STL (Standard Templating Library) and Templates.
- Developed and executed Proof of Concepts (PoCs) and successfully implemented corresponding features into production systems.
- Designed and developed REST APIs and worked on optimizing the REST APIs to enhance their performance.
- Implemented multi-threaded solutions to parallelize concurrent storage related tasks.
- Experience implementing RBAC systems to enforce secure and granular access controls.
- Hands-on experience working with various authentication mechanisms, both traditional and modern approaches.
- Identified and resolved Common Vulnerabilities and Exposures (CVEs) to strengthen system security and compliance.
- Developed Python scripts to automate repetitive processes and system operations.
- Involved in integration of opensource projects such as OpenSSH into our own project.
- Worked on code coverage analysis, unit testing and minor test and process automations.
- Worked with Linux and FreeBSD operating systems.
- Actively participated in the recruitment process for new C/C++ candidates. This includes evaluating resumes, conducting technical interviews, and assessing candidates' proficiency in C/C++ programming.

 **TATA CONSULTANCY SERVICES – BANGLORE, INDIA**

**ASSOCIATE SYSTEMS ENGINEER – 03/08/2020 – 31/12/2020**

- Worked on Kubernetes monitoring and ensured the health, performance, and availability of Kubernetes clusters and applications.
- Hand-on training in Docker, Kubernetes and Ansible.

## ● EDUCATION AND TRAINING

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01/08/2016 – 29/08/2020 Belagavi, India

**BACHELOR OF ENGINEERING** Visvesvaraya Technological University

**Website** <https://vtu.ac.in/> | **Field of study** Information and Communication Technologies | **Level in EQF** EQF level 6

01/06/2014 – 25/04/2016 India

**PRE-UNIVERSITY EDUCATION CLASS XII** Department of Pre-University Education

**Website** <https://kseab.karnataka.gov.in/>

01/06/2013 – 01/04/2014 India

**SECONDARY EDUCATION CLASS X** Karnataka Secondary Education Examination Board

**Website** <https://kseab.karnataka.gov.in/>

## ● LANGUAGE SKILLS

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Mother tongue(s): **KANNADA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C1	C1	C1
<b>GERMAN</b>	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● SKILLS

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### Programming Languages

C++ | Python | C | SQL

### Version Control Systems

P4 Perforce | Git

### Tools and IDE

Postman | VS Code | GDB | Vim Editor

### Cloud Platforms

GCP, AWS (basics)

### Others

Design Principles | Linux | SDLC | Object Oriented Programming | Design Patterns

## ● HOBBIES AND INTERESTS

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### Cooking

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### Reading

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### Video Games

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## ● COMMUNICATION AND INTERPERSONAL SKILLS

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### Technical Communication

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Ability to explain complex technical concepts to both technical and non-technical audiences.

### Active Listening

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Understanding project requirements, team discussions, and client needs.

### Team Collaboration

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Working effectively with cross-functional teams

### Mentoring & Coaching

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Guiding juniors and helping them grow professionally.

### Problem-Solving

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Collaborating with teams to troubleshoot issues and find effective solutions.