

# ABISHEK PRABAKARAN RAMKUMAR

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🌐 LinkedIn 🔄 Github 🔗 My Portfolio

## Education

**Vellore Institute Of Technology - VIT BHOPAL University** 2019 – 2023  
*Bachelor Of Technology* Kotri Kalan, Sehore, India  
CGPA 7.81/10

**Prince Matriculation Higher Secondary School** 2017 – 2018  
*12 std* Chennai, India  
Percentile: 72.66%

**Prince Matriculation Higher Secondary School** 2015 – 2016  
*10 std* Chennai, India  
Percentile: 89.80%

## Skills

• Java • Python • SQL • C++

## Profile

- A passionate software engineering fresher skilled in Java, Python, SQL, and C++, with a proven ability to create innovative and user-friendly solutions.
- Experienced in machine learning, and full-stack web development through academic projects.
- Committed to continuous learning and collaboration to solve complex technical challenges effectively.

## Certificates

- Python Basics – HackerRank 🔗
- Problem Solving Basics – HackerRank 🔗
- Problem Solving Intermediate – HackerRank 🔗
- SQL Basics – HackerRank 🔗
- SQL Intermediate – HackerRank 🔗

## Languages

Tamil ● ● ● ● ● English ● ● ● ● ●

## Projects

**Smart Student Management System** 🔗 Oct 2022 – Apr 2023

- Developed a web-based system with modules for attendance, grades, academic records, payments, and more.
- Used HTML, CSS, Python, JavaScript, Django framework, and SQLite.

### Smart water management system [↗](#)

Aug 2021 – May 2022

- Designed an IoT-based smart water management system supporting TDS level detection, leakage detection, flow measurement, and tank water level monitoring.
- Features include effective rainwater harvesting and kitchen water recycling.

### Face detection Facial expression [↗](#)

Feb 2021 – May 2021

- Built an application to detect facial emotions and map them to corresponding emoji images using machine learning algorithms.

### ChatBot Using Python [↗](#)

Jul 2020 – Sep 2020

- Developed a chatbot providing COVID-19-specific information, such as nearby hospitals, emergency contacts, and basic medical guidance.
- Utilized Python for implementation.

## Courses

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### Ultimate AWS cloud Practitioner CLF-C02 [↗](#)

Udemy

### AWS Cloud Practitioner Essentials [↗](#)

AWS

### NDG linux unhatched Course [↗](#)

Cisco Networking Academy

### AI Foundations [↗](#)

NASSCOM Futureskills Prime

### Programming Foundations: Fundamentals [↗](#)

LinkedIn Learning

### Programming Foundations: Beyond Fundamentals [↗](#)

LinkedIn Learning

### Programming Foundations:Object Oriented Design [↗](#)

LinkedIn Learning

## Publications

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### Sophisticated Water Quality and Management System [↗](#)

29 Mar 2023

Book Publisher International

- Book chapter published in "Research and Developments in Engineering Research Vol. 1" by Book Publisher International. ISBN: 978-81-19102-71-6 (Print), 978-81-19102-73-0 (eBook).

### Smart water management System [↗](#)

30 Oct 2022

Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP)

- Published in the International Journal of Recent Technology and Engineering (IJRTE), Vol. 11, Issue 3, ISSN: 2277-3878.

## Score Card

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### AWS CCP

Amazon Web Services -- Score (650/1000)