

# Punith Kumar P R

+91 636 318 8375 | [punithkumarpr03@gmail.com](mailto:punithkumarpr03@gmail.com) | [punith-kumar-pr](https://www.linkedin.com/in/punith-kumar-pr) | [punith-kumar-pr](https://github.com/punith-kumar-pr)

## EDUCATION

<b>B.E - Computer Science &amp; Engineering   Dayananda Sagar College of Engineering, Bengaluru</b>	2020 - 2024
• 9.07 CGPA	
<b>12th - PCMB   M.S PU College, Kolar</b>	2019 - 2020
• 91.33 %	
<b>SSLC   Sainik Public School, Kolar</b>	2017 - 2018
• 93.12 %	

## SKILLS

**Languages:** C/C++, Python, Java, JavaScript, SQL, Solidity(Ethereum)

**Technologies & Tools:** Node.js, Express.js, Spring-boot, React.js, Redux, MySQL, PostgreSQL, Git, Tailwind CSS, MongoDB, Docker, Gitlab CI/CD, IoT, DevOps, Blockchain, Unity3D, Augmented Reality

## INTERNSHIP

<b>Associate Engineer Intern   British Telecom (BT Group), Bengaluru</b>	Jan 2024 - Present
• <b>Tech stack:</b> Java, Spring Boot, React.js, Redux, PostgreSQL, MySQL, MariaDB, Gitlab CI/CD, Docker.	
• Developed web applications using <b>Java Spring Boot</b> and <b>PostgreSQL</b> and created front-end applications with <b>React.js</b> and styled using <b>TailwindCSS</b> .	
• Implemented <b>reactive programming (project reactor)</b> to enhance Spring Boot applications.	
• Created structured and customized <b>application logs in ECS (Elastic Common Schema) format</b> .	
• Containerized applications using <b>Docker</b> , employed <b>Docker-in-Docker (DinD)</b> for <b>Gitlab CI/CD</b> pipelines.	
<b>Intern   Brane Enterprises Pvt Ltd, Bengaluru</b>	Jun 2022 - Jan 2023
• <b>Tech stack:</b> Java, Spring boot, Postman	
• Analysed and implemented functions required for the existing application.	

## PROJECTS

<b>AR Sculp</b>	Check out the Journal Paper on this project <a href="#">[link]</a>    Download the android app <a href="#">[link]</a>	Nov 2023 - May 2024
• This project demonstrates <b>integrating augmented reality applications</b> , <b>3D models</b> , and photogrammetric reformation that enables <b>visualizing complete stone sculptures even though they are heavily ruined or fragmented</b> .		
• Recreating the <b>original appearance of the broken statue</b> as a 3D model by <b>photogrammetry</b> .		
• We then use other 3D models of similar sculptures from the same time (made using photogrammetry) or prepare 3D models of missing parts of the base sculpture based on the records of <b>ancient archaeological research</b> .		
• Building a custom <b>Android app</b> that can instantly augment the missing parts of the damaged statue with the help of the 3D model we built.		
• <b>Tech stack:</b> Augmented Reality(AR), C#, Photogrammetry, 3D Modelling, Vuforia, Unity 3D		
<b>News Connect</b>	<a href="https://github.com/punith-kumar-pr/news-connect">github.com/punith-kumar-pr/news-connect</a>	Jun 2023
• <b>Web application</b> , which helps to get the articles related to a topic based on the filters (from date, to date) and save those for future reference. Also users of the applications can write the articles which can be viewed by the other users.		
• <b>Tech Stack:</b> Node.js, Express.js, React.js, MongoDB.		
<b>Lipi</b>	<a href="https://github.com/punith-kumar-pr/Extraction-and-translation-of-text-from-scripts">github.com/punith-kumar-pr/Extraction-and-translation-of-text-from-scripts</a>	Mar 2023
• <b>Web Application</b> , extracts the text from the images/scripts ( <b>OCR - Optical Charecter Recognition</b> ) of various languages and transaltes it to various languages.		
• <b>Tech stack:</b> Node.js, Express.js, MongoDB, EJS, Tesseract, Flask(Python).		

## ACHIEVEMENTS

<b>Best Project Award - Project Open Day-2024</b>	May 2024
<b>Top 5 - Hackathon++</b>	Nov 2022
<b>Super 30 - Dept. of CSE, DSCE</b>	Oct 2023

## EXTRA CURRICULAR ACTIVITIES

<b>Lead - IoT Innovation Club, DSCE</b>	Dec 2021 - Present
• The IoT Club in DSCE endeavours to teach students about IoT and get them interested in innovation and research.	
• As a lead of this club, <b>I conducted 10+ workshops</b> on Arduino, ESP32, etc.	