Praveen Kumar Gupta

#96, Block III, NITK, Surathkal, Mangalore - 575025

+91-9738013574

pvgupta24@gmail.com

https://www.linkedin.com/in/pvgupta24

https://www.github.com/pvgupta24

Education

❏ **National Institute of Technology Karnataka, Surathkal** / B.Tech
July 2016 - Present, Surathkal, Mangalore

Bachelor of Technology in Computer Engineering, Sophomore Year
CGPA : **9.11/10.0** (Dec 2017)

❏ **Army Public School, Bangalore** / Class XII and Class X
July 2011 - Mar 2016, K. Kamaraj Road, Bangalore

Class XII (CBSE) - **96.8 %** (AISSCE)
Class X (CBSE) - CGPA : **10.0/10.0**

Technical Skills

❏ **Languages / Markup and Scripts**
C, C++, Python, Java, Erlang, HTML, CSS

❏ **DBMS**
SQL, MongoDB

❏ **Tools / Frameworks**
Android Studios, Git, MEAN stack, Django, Blender and Photoshop (Basics)

Relevant Courses

Data Structures and Algorithms, Computer Organization and Architecture, Theory of Computation, Design and Analysis of Algorithms, Software Engineering, Object Oriented Programming, Operating Systems, Data Communication

---

Selected Projects

❏ **Empact [On-Going] :** Demo Video
Real Time emotion analysis in video conferencing to give constructive feedback and insights. Implemented a MEAN stack web-app with Jitsi-Meet and Microsoft Cognitive Services.

❏ **Virtual Classroom :** Source Code
Portal for better improve interaction between faculty and students and peers through virtual sessions, discussion forums. Implemented a MEAN stack app using Jitsi-Meet.

❏ **Youtube Playlist :** Source Code , Demo
Implemented a MEAN stack web application for managing youtube playlists with integrated Youtube search and google authentication.

❏ **OCR Web App :** Source Code, Demo Video
Implemented an Optical Character Recognition Web Application using Tesseract OCR Engine and ImageMagick tools.

❏ **PyExtractor :** Source Code

Django based application which segments the text area in images and extracts texts along with Geo-Data. Extracted information is displayed on an Offline Map which uses OpenStreetMap and LeafletJS for rendering.

❏ **Handwritten Equation Solver :** Server, Android App

Application to solve hand-written polynomial equations using sympy python library and deep learning algorithms

❏ **Assignment Judge :** Source Code

Implemented an Erlang Application using functional programming concepts like higher-order functions to automate checking of submitted codes along with the time taken for execution.

Awards and Achievements

❏ **National Talent Search Examination**

Among the top 1000 to be selected in the NTSE exam across the country.

❏ **Regional Mathematics Olympiad**

Among Top 34 from Karnataka to attend INMO camp at ISI, Bangalore.

❏ **CBSE Merit Certificate**

Among top **0.1 %** in Informatics Practices in Class XII (100/100).

❏ **Microsoft code.fun.do Online NITK, Surathkal**

Among top 4 teams to be selected for On-Campus Senior Hackathon.

❏ **Smart India Hackathon 2018 - National level**

Selected for Grand Finale of SIH 2018 - Department of Space (ISRO).

Extra-Curricular Activities

❏ Executive Member at **Web Club NITK**
❏ Executive Member at **IEEE-NITK**
❏ Keen interest in Basketball, Badminton, Reading and Sketching.