

PRINCE NATH

Aspiring Software Developer

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SUMMARY

I'm Prince Nath, a technology enthusiast with a specialization in Computer Science. I have a solid academic foundation in programming, data structures, and full-stack web development, complemented by hands-on projects like mobile app development and deep learning implementations. I am passionate about using technology to create innovative solutions and enjoy engaging in extracurricular activities that foster creativity and leadership.

EDUCATION

Bachelor in Technology (CSE)

KIIT University - 8.38 CGPA

📅 08/2022 05/2026 📍 Bhubaneswar, Odisha

Higher Secondary Education

**Vivekananda Kendra Vidyalaya Itanagar -
Cumulative percentage: 75%**

📅 05/2020 06/2022 📍 Itanagar, Arunachal Pradesh

TRAINING / COURSES

- **Object Oriented Programming,**
- **Full Stack Web Development,**
- **Data Structures and Algorithms,**
- **Android App Development,**
- **Microsoft Excel Course**

Comprehensive learning in various areas including programming, web development, and algorithms

EXTRA CURRICULAR ACTIVITIES

- **Content Writer, NSS SCE KIIT,**
- **Intermediate level proficiency in playing Tabla**
- **Presented "Green Booth" concept at Innwave Entrepreneurship Competition, KIIT.**

AWARDS

- **Inter-School Instrumental Competition(2nd place),**
- **Gita Chanting Competition - Regional level(3rd place),**
- **DSA Annual Swimming Competition, Silchar(2nd place).**

SKILLS

Android Studio

C/C++

CSS

Data Structures

Dataflow

Deep Learning

FlexBox

HTML

JavaScript

Kotlin

Microsoft Excel

Modular

OOPS

OpenCV

Python

PyTorch

REST

MySQL

Visual Studio Code

PROJECTS

Portfolio Website

Developed a portfolio website showcasing skills and projects

- Built using HTML for structure, CSS for styling, and JavaScript for interactivity.
- Implemented responsive design with media queries and flexbox/grid layouts.
- Added features like downloadable CV link and dynamic contact form handling.

BookInfo

An Android app providing information on various books

- Developed an Android app using Kotlin with a multi-fragment architecture.
- Integrated REST APIs to fetch and display book descriptions for predefined titles.
- Managed UI navigation and data flow using Fragment transactions and ViewModel patterns.

Traffic Safety Analysis

A project focused on analyzing traffic safety through deep learning techniques

- Built a modular deep learning pipeline for traffic scene analysis using semantic segmentation with BiSeNet.
- Computed risk scores and cognitive load from object classes and proximity using custom logic.
- Generated natural language safety reports to enhance interpretability