Bhubaneswar, **India,**
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Linkedin
Github
PortfolioWebsite

Abtsega Tesfaye | Computer Science Engineer

EDUCATION

BSC in Computer Science and Engineering
KIIT University| KIIT|India
Sept 2021 - July 2025

Software Engineering
ALX | Remote
Feb 2021 - Present

ALX Africa Software Engineering Program offers thorough instruction in software engineering, including practical coding experience, exposure to software development processes, and knowledge of software architecture.

- Frontend Development
- Backend Development
- Networking
- Database Management

APISEC UNIVERSITY
|Remote January 2022 - Present
APISEC University is a leading virtual learning platform specializing in API security education providing comprehensive and up-to-date courses on API design, authentication and encryption with hands-on-labs.

- API Penetration testing
- API Development
- Devops
- Vulnerabilities

Wolaita Liqa Secondary and Preparatory School
September 2017 - May 2021
CGPA: 4.0

- Complete Diploma in Natural Science.
- Lead of STEM center.

Addiscoder Summer Coding Camp
Addiscoder |
June 2019 - August 2019

AddisCoder is a free intensive 4-week summer program in Addis Ababa, Ethiopia introducing high schoolers to programming and algorithms led by Professor Jelani, MIT Professor.
- Python Programming
- Computer Algorithm

AWARDS

- International Astronomy and Astrophysics Competition-Silver Award Link
- International Youth Math Competition-Silver Award-Link
- Top 1% Award from the National exam of Ethiopia, 2021

PUBLICATION

- Published a research paper entitled: Cybersecurity Imminent Threats in Higher Education with its Solutions - Link

CERTIFICATES

- JP Morgan Virtual Inthernship- Link
- JP Morgan Cybersecurity Virtual Inthernship- Link
- Supervised Machine Learning: Regression and Classification- Link
- Cybersecurity Roles, Processes & Operating System Security- Link
- Python Data Structure - Link
- Google Technical Support Fundamentals - Link
- Deloitte Virtual Internship Link
- Flutter Mobile Development -Link
- Freecodecamp web design Link

EXPERIENCE

JP Morgan Software Engineering Virtual Internship |
Certificate

December 2022
- Interfaced with a stock price data feed and set up your system for analysis of the data
- Implemented the Perspective open source code in preparation for data visualisation
- Used Perspective to create a chart for a trading dashboard
- Contributed to the open source community

JP Morgan Cybersecurity Virtual Internship | Certificate

December 2022
- Worked with data of security critical systems
- Gain awareness of what needs to be secured.
- Designed Spam or Ham?Email classifier.
- Contributed to the open source community

Fourth Doctoral Symposium on Intelligence Enabled Research
DOSIER | Certificate

December 2022
- Published a research paper entitle "Cybersecurity Imminent threats in Higher education with its Solution
- Presented my research paper on the conference organized by DOSIER in association with Algebra University College, Zagreb, Croatia in a virtual mode.

International Conference On Distributed Computing and Intelligent Technology
ICDCIT | Certificate| Remote

January 2023
- Worked on Cybersecurity threats and techniques to overcome vulnerabilities.
- Analyzed various Cyber threats on various websites.
- Evaluated some of OWASP threats and reports.

KIIT Research Fellowship

Oct 2022 - December 2022
- In relation with DOSIER, published a research paper.
- Ongoing research works on Security threats in Metaverse.

Google Developers Student Club |
Ethiopia | India | Certificate | Certificate

June 2021 - Present
- Worked on Arduino related projects to overcome time management system in college.
- Organized and hosted events to create awareness on the essence of Robotics and AI in education system.

KIIT IOT | Machine Learning & Cybersecurity
IOT |

Feb 2022 - Present
- Undergoing project on mobile application capable of detecting time wastage in college students using Machine Learning model.
- Undergoing Devops projects on cloud technology.

KIIT Artificial Intelligence Society | AISOC

Jan 2022 -Present
- Contributed on AI based translating bot development.
- Developed Text speech converter using full stack development and ML model.

Canadian Cybersecurity Networks | Canada | Remote

Janaury 2022- Present
- Member of an International cybersecurity forum situated in Canada.
- Participated in international cyber based meetings and expos.

Hard Skill

- Network/Security
- Software Development
- Coding and Competitive Programming(C, C++, Python)
- Database Management(SQL,Oracle)

Soft Skill

- Teamwork & Communication
- Leadership.
- Tutor & Mentoring
- Problem Solving

Extra-curricular activities

- Chess club| Chess.com KIIT Chess club

LANGUAGES

- Amharic -Native
- English - Fluent

Hobbies

- Swimming
- Gaming
- Cycling
- Reading