

AKSHAY ANAND

Software Development Engineer
Amazon
Hyderabad, India

akshayjha@live.in
<https://akshayjha.tech>
+91-7992383981

Seeking an engineering position in a team where I can contribute my skills for organization's success while being able to explore latest technological advances in the software industry.

ACADEMIC PROFILE

| Degree | Institution | University/Board | Year | Performance |
|--|--|------------------------|------|-------------|
| B. Tech. in Computer Science and Engineering | St. Thomas' College of Engineering & Technology, Kolkata | MAKAUT (formerly WBUT) | 2019 | 8.93 |
| Class 12 | Shanti Mission Academy, Saharsa | CBSE | 2014 | 68.6 % |
| Class 10 | Shanti Mission Academy, Saharsa | CBSE | 2012 | 9.4 |

TECHNICAL PROFICIENCY

- Algorithms, Data Structures
- Python, C++, Java, Angular, SpringBoot, *nix

WORK EXPERIENCE

- Software Development Engineer, **Amazon** (July, 2021 – Present)
 - Been working with Alexa team at Amazon on Alexa Data Services.
- Systems Engineer – Specialist, **Infosys Ltd.** (July, 2019 – July, 2021)
 - Have worked as a full stack developer with cross team collaborations in an agile environment. Been involved in complete migration of webapps from older tech stacks to latest frameworks. Have pitched and implemented ideas to save cost and time.
 - Worked with JAX-RS, Java EJB, Oracle, AngularJS, Angular
- Full Stack Development Intern, **ThinkXFactor** (March – June, 2019)
 - Worked on a running business application of a renowned MNC.
 - Was involved in front-end technologies (like Angular 7, Angular Material, Flex-Layout).

PROJECTS UNDERTAKEN

- ❖ **CodeComm** (June - July 2020) – A native MacOS application that allows users to create/join channels and chat with others in the channel of their interest. [Swift, Cocoa]
- ❖ **Biometric Attendance System** (Aug 2018 – April 2019) - Final year project that is currently installed in college for live use. [Python, RaspberryPi]
- ❖ **Exam Portal** (July 2018) - Developed and deployed online exam portal for the live use by college students. 247 students took test using the portal on its first run. [AngularJS, PHP, Apache]
- ❖ **Home Automation** (March - April 2018) - Automated appliance switching and door locking. Final round, Innovatia (most innovate hardware project) in SREY tech fest, 2018. [Arduino]
- ❖ **PixelView** (March - April 2017) - A cross-platform scientific image viewer and digital image processing tool. 3rd position, Innovatia (most innovative software project) in SREY tech fest, 2017.
- ❖ **Encrypto** (April – May 2015) - A cross-platform encryption tool with a modified version of Vigenere encryption algorithm. [Python, tkinter]

PUBLICATIONS AND ACHIEVEMENTS

- Stood Rank 1 in College and in top 100 in India in HackWithInfy 2018.
- Presented a paper titled “**Detection of Tumour Cells in Medical Images using Spatial Contextual Information based Gustafson-Kessel Clustering**” at ICICSS 2018 (sponsored by IEEE), ACET, Coimbatore.
- Went to the finals of Smart India Hackathon, 2019 (software edition).

RELEVANT COURSES

| <i>S. No.</i> | <i>Institute</i> | <i>Date</i> | <i>Course</i> |
|---------------|--|--------------|---|
| 1. | Massachusetts Institute of Technology (MIT) -edX | Oct 12, 2014 | Introduction to Computer Science and Programming using Python |
| 2. | The Linux Foundation - edX | Jan 05, 2015 | Introduction to Linux |
| 3. | MIT - OCW | July, 2016 | Circuits and Electronics |
| 4. | MIT - OCW | July, 2017 | Introduction to Algorithms |
| 5. | Stanford University - Coursera | April, 2018 | Machine Learning |
| 6. | Cornell University - eCornell | June, 2020 | Machine Learning Foundations |
| 7. | Udemy | July, 2020 | The Complete MacOS Developer Course |

Also have done summer training on Full Stack Essentials by ThinkXFactor for 36 hours in June 2018.

EXTRA-CURRICULAR ACTIVITIES AND HOBBIES

- Avid book reader
- Hobbyist photographer [\[Samples\]](#)
- Love doing pencil sketches and portraits [\[Samples\]](#)
- Have worked on short films and made vlogs [\[Samples\]](#)
- Have completed certified A1 level course on German language

PERSONAL INFORMATION

- **Date of birth:** 25th March, 1997
- **Languages known:**
 - Maithili
 - Hindi
 - Bengali
 - English
 - German