

Kaustav Banerjee

Ph.: +91-9748188925 || email: kaustav_b2006@yahoo.co.in || Address: D-1 4th Floor Vasundhara Complex Nayapatty Sector 5 Salt Lake Kolkata 700102
DOB: 12th January, 1992

| Year | College/Examination | Board/Degree | %/CGPA |
|------|--|---------------------------|---------|
| 2014 | Heritage Institute of Technology, WBUT | B.Tech (Computer Science) | 7.32/10 |
| 2010 | Class XII | CBSE | 71.7% |
| 2008 | Class X | CBSE | 86.8% |

Work Experience

Infosys Ltd.

Duration: July 2014 – July 2015

Role: System Engineer

ICP (Insurance, Cards and Payments) Business Unit

- Acted as support for web-based solution for a client enabling user friendly management of gift cards with average transaction volume of **12,000** and peak volume of **1,200,000**
- Responsibilities include Root Cause analysis and providing solutions to consumer related issues, monitoring transaction flow and server health

Infosys Ltd.

Duration: July 2015 – January 2018

Role: Senior System Engineer

FS (Financial Services) and ICP Business Unit

- Developed web-based application capable of capturing and processing high volumes of credit card payment transactions
- Client interaction for requirement identification followed by development using jQuery, AJAX, CSS, Spring & DB2

Purple (Purplas IT Services Pvt. Ltd.)

Duration: February 2018 – Present

Role: Senior Developer

- Part of 3-member R&D team focused on development of **automated emotion recognition system** & implementation of **digital image processing in common medical imaging devices**
- Functions include coding, database management and electronics assembly

Medical Image Tagging Platform for Doctors

- Online JS based platform developed for tagging of medical images by doctors. This tagged data is then fed into the AI for training.

Online Psychometric Testing and AI based Analysis Platform (Aladaee.com)

- Online web based psychometric testing platform developed to holistically analyze user's psychology.
- Holistic JS based platform developed to enable client to design custom test formats in a no-code environment.
- Fully modular platform, to enable client to integrate tests of different formats in custom order and build and modify test suites according to client's requirement.

Intellectual Property

- Filed 3 patents in the space of Image Recognition AI Architectures, Behavioral Analytics and Medical Diagnostic Applications
- IP portfolio currently comprises One 1 PCT Application, 1 US Patent Application and one Indian Patent Application with corresponding identification "**1234/KOL/2015**", "**201711037465**" and "**201831008797**"

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| Awards & Recognition | <ul style="list-style-type: none"> • Won best debutant award at ICP Inspire Awards, Infosys; 2015 • Won Spot Award at ICP Inspire Awards, Infosys 2015 • Won 4 FS (Financial Services) Insta Award, Infosys; January '16, July '16, Dec '16, May '16 • Won Special Client Recognition Award from Client • Won First Prize in Computers in Class 10 |
| Projects | <p>Cognitive Radio, B.Tech Project, Department of Computer Science, Heritage Institute of Technology</p> <ul style="list-style-type: none"> • Worked on radio capable of adaptive parameter modification based on signal conditions and network traffic <p>Identified College Network Security Threat</p> <ul style="list-style-type: none"> • Used advanced boot techniques to expose network security threat in college computer lab leading to implementation of a new student specific id-based network level security • Threat involved use of Linux OS to gain admin level access and privileges from limited access student accounts • Severe threat of misuse and password theft was averted <p>Internal Portal for National Political Party</p> <ul style="list-style-type: none"> • Developed light weight internal portal for a major national political party capable of functioning at low speeds • Provided authentication based dual way data flow between top & bottom party hierarchy with broadcast and emergency mode facility <p>USB Switcher</p> <ul style="list-style-type: none"> • Created single output multi-input USB switcher allowing control of multiple devices (desktops, servers) with single control device (mouse, keyboard) |
| Languages Known | <ul style="list-style-type: none"> • English, Bengali and Hindi |
| Programming Languages & Skills | <ul style="list-style-type: none"> • C, PHP, Python, JavaScript, jQuery, React, REST, HTML, JAVA - Spring and SQL • Proficient in electronics circuit design & assembly and implementation of same in telecommunication |
| Passions and Interests | <ul style="list-style-type: none"> • Member of Robotics Society, Heritage Institute of Technology • Member of Dramatics Society, Heritage Institute of Technology • Member of Dramatics Society, Apeejay School |
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