

SWAPNANIL DUTTA

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📍 Kolkata, India



ABOUT

Around 2+ Years of IT Experience as an AEM and Java Developer.

Working experience with Components, Templates, Sling Models, Experience Fragments, OSGI, Touch UI, Content Authoring, Backend Java Servlets, Runmodes, and Custom as well as Out-of-the-box Workflows.

Developed custom CQ components on top of JCR (Java Content Repository) and Apache Sling.

Experienced in using CRXDE and IntelliJ IDE to develop CMS applications.

Created my website swapnanildutta.in as part of POC using HTML, CSS, and JavaScript. Please refer to the website for more details

Pursued Bachelor of Technology in Information Technology (IT) from Academy of Technology (affiliated to MAKAUT).

EXPERIENCE

- **Persistent Systems**

- Software Engineer - June 2022 - Present

- Created custom components within Adobe Experience Manager (AEM) and configured with backend Java Servlets based on requirements documentation.
- Implemented Runmodes and Workflows to stage and publish pages smoothly.
- Implemented reusable components and experience fragments to streamline the authoring process.

EDUCATION

Academy of Technology, Adisaptagram - Bachelor of Technology in **Information Technology** (Affiliated to Maulana Abul Kalam Azad University Of Technology, W.B) CGPA: **9.01**

July 2018 - July 2022

Nopany High, Kolkata - High Secondary [I.S.C.] Science Stream w/ Computer Science : **69.4%**

May 2017 - March 2018

Don Bosco School, Bandel - Secondary [I.C.S.E.] General Studies w/ Computer Application : **81.67%**

April 2015 - April 2016

PROJECTS

→ **GenAI - AEM Accelerators**, Persistent Systems, *January 2022 - Present*

- ◆ **Aim:** Create components and pages within Adobe Experience Manager (AEM) based on GenAI functionalities, and create custom GEN-AI RTE plugins to embed within components and servlets. Also, this was showcased at **ADOBE SUMMIT 2024**.
- ◆ **Technologies Used:** AEM 6.5, Components, Clientlibs, Slings, Runmodes, Workflows, HTL, Core Java, Servlets, RTE Plugins, GEN-AI, Gemini API, OpenAI API

→ **Luxury Home & Kitchen Appliances**, Persistent Systems, *August 2023 - January 2024*

- ◆ **Aim:** Create custom components within Adobe Experience Manager (AEM) and configuration with backend Java Servlets based on requirements documentation, implement Runmodes and Workflows to stage and publish pages smoothly, and implement reusable components and experience fragments to streamline the authoring process.
- ◆ **Technologies Used:** AEM 6.5, Components, Clientlibs, Slings, Runmodes, Workflows, HTL, Core Java, Servlets

→ **New Pharma**, Persistent Systems, *August 2022 - August 2023*


- ◆ **Aim:** Create web pages and author in components and assets within Adobe Experience Manager (AEM) based on given instructions and criteria, and create custom components and servlets.
- ◆ **Technologies Used:** AEM 6.5, Components, Clientlibs, Slings, HTL, Core Java, Servlets

→ **Stock Price Forecasting Application** , Academy Of Technology, *March 2021 - June 2022*

- ◆ **Aim:** Design of a Machine Learning model to predict the stock price of different corporations.
- ◆ **Technologies Used:** Python, Google Collab, Tensorflow, React, Scikit-Learn

→ **Sentiment Analysis using Social Media Data** , Academy Of Technology, *May 2020- July 2020*

- ◆ **Aim:** Using Sentiment Analysis algorithm to predict the emotional state of an individual based on the data input from the person's social media posts and interactions through an Application.
- ◆ **Technologies Used:** Python, Google Collab, NLP, HTML-CSS, Scikit-Learn, Heroku

→ **Blood Bank on the Move** , HACK'N PITCH 2020 Hackathon, Jadavpur University, *February 2020 - March 2020*

- ◆ **Aim:** Online Blood Bank management system is to provide services for people who need blood by getting help from the donors who are donors.
- ◆ **Technologies Used:** Python, Docker, NodeJS, Flutter, Firebase, GCP

SKILLS

Technical Skills

- Core Java - Servlets
- Adobe Experience Manager 6.5
- Components - Clientlibs - Slings
- Runmodes - Workflows - HTL
- Custom AEM RTE Plugins
- Google Cloud Platform - Azure

Soft Skills

- Effective written and oral communication skills
- Leadership Skills
- Teamwork Skills
- Knowledge Transfer

TRAINING AND CERTIFICATIONS

- **Certified Expert - Adobe Experience Manager Sites Developer** - Adobe *Apr 2024 - Apr 2026*
- **Certified Professional - Adobe Experience Manager Developer** - Adobe *Jan 2024 - Jan 2026*
- **Certified Professional - AEM Sites Technical Foundations** - Adobe *Aug 2023- Aug 2025*
- **AZ-900 Azure Fundamentals Certified** - Microsoft *Jun 2022*

AWARDS

Among Top 6 Teams at HACK'N'PITCH - E-Summit 2020 -Jadavpur University *Mar 2020*

VOLUNTEER EXPERIENCES

- **Alpha MLS Ambassador - Microsoft Learn Student Ambassadors CEE** - *[Aug 2020 – May 2022]*
- **Core Team Member - Developer Students Club - AOT** - *[Aug 2020 – July 2021]*
- **Member of IEEE Student's Chapter - Academy Of Technology** - *[Jan 2019 – July 2022]*

PERSONAL DETAILS

LANGUAGES KNOWN : English, Bengali, Hindi
GITHUB : [/swapnanildutta](#)

DATE OF BIRTH : 9 June, 2000
LINKEDIN : [/swapnanil-dutta-8898ba92/](#)

Swapnanil Dutta
Signature

Date: Jun 1, 2024